

Abrasive wear resistance of HVOF sprayed and PTA-welded hardmetal hard phase reinforced metal-matrix based coatings

Tarbe, Riho; Kulu, Priit; Zikin, Arkadi; **Surženkov, Andrei** Engineering materials & tribology XXII 2014 / p. 3-7

<https://doi.org/10.4028/www.scientific.net/KEM.604.3> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Abstract handling of information and knowledge

Tõugu, Enn Information modelling and knowledge bases XXVII 2016 / p. 129-136 <https://doi.org/10.3233/978-1-61499-611-8-129>

[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

AC losses analysis approaches for electric vehicle motors with hairpin winding configuration

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Marques Cardoso, Antonio J.; **Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** IECON 2021 - 47th Annual Conference of the IEEE Industrial Electronics Society, 2021 2021 / p. 1-4 : ill

<https://doi.org/10.1109/IECON48115.2021.9589339> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Academic staff perceptions and attitudes towards learning analytics

Virkus, Sirje; Mandre, Sigrid; **Kasuk, Tiina** Smart learning ecosystems as engines of the green and digital transition : proceedings of the 8th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 3-19 https://doi.org/10.1007/978-981-99-5540-4_1

Accelerated global MPPT for multimode series resonant DC-DC converter

Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Florence, Italy, 14-16 July 2021 2021 <https://doi.org/10.1109/CPE-POWERENG50821.2021.9501077>

Accelerating transient fault injection campaigns by using Dynamic HDL Slicing

Bagbaba, Ahmet Cagri; Jenihhin, Maksim; Raik, Jaan; Sauer, Christian 2019 IEEE Nordic Circuits and Systems Conference (NORCAS) : NORCHIP and International Symposium of System-on-Chip (SoC), 29-30 October 2019, Helsinki, Finland : proceedings in IEEE Xplore 2019 / 7 p. : ill <https://doi.org/10.1109/NORCHIP.2019.8906932>

Accessibility and orbits for discrete-time nonlinear control systems

Bartosiewicz, Zbigniew; **Kotta, Ülle;** Wyrwas, Malgorzata 60th IEEE Conference on Decision and Control, CDC 2021, Austin, 13-17 December 2021 2021 / p. 4594-4601 <https://doi.org/10.1109/CDC45484.2021.9682853> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Accuracy analysis of dual active bridge simulations under different integration methods

Arena, Gabriele; **Vinnikov, Dmitri; Chub, Andrii;** de Carne, Giovanni 2022 AEIT International Annual Conference (AEIT) : October 3-5, 2022 2022 / p. 1-6 <https://doi.org/10.23919/AEIT56783.2022.9951711>

Accuracy of voltage instrument transformers for harmonic measurements in Elering's 330-kV-transmission network

Meyer, Jan; Stiegler, Robert; **Kilter, Jako** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 85-90 : ill

<https://doi.org/10.1109/PQ.2016.7724094>

Accurate energy-efficient localization hybrid models for distributed IoT sensing

Jabberi, Maher; **Sellami, Bassem;** Hakiri, Akram; Alimi, Mohamed Adel 2024 IEEE/ACS 21st International Conference on Computer Systems and Applications (AICCSA) : proceedings : Sousse, TN, 22 October-26 October 2024 (2024) 2024

<https://doi.org/10.1109/AICCSA63423.2024.10912590> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Achieving a high level of open market-information symmetry with decentralised insurance marketplaces on blockchains

Norta, Alexander; Rossar, Risto; Parve, Mart; Laas-Billson, Liina Intelligent Computing : proceedings of the 2019 Computing Conference. Volume 1 2019 / p. 299-318 https://doi.org/10.1007/978-3-030-22871-2_22 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Acoustic analysis of compact silencer solution based on microperforated panel

Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 030014 <https://doi.org/10.1063/5.0189854> [Article at Scopus](#) [Conference Proceedings at Scopus](#)

Acoustic emission of Estonian clay Arumetsa during firing

Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit** THERMOPHYSICS 2018: 23rd International Meeting of Thermophysics 2018 : Smolenice, Slovakia, 7-9 November 2018 2018 / art. 020016, [6] p <https://doi.org/10.1063/1.5047610> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Acoustic performance of an additive manufactured lattice structure

Auriemma, Fabio; Liu, Le IOP conference series : materials science and engineering 2021 / art. 012002, 5 p.: ill

<https://doi.org/10.1088/1757-899X/1140/1/012002>

Acoustic study of novel eco-friendly material for vehicle NVH applications

Rämmal, Hans; Lavrentjev, Jüri Materials today: proceedings 2020 / p. 2331-2337 <https://doi.org/10.1016/j.matpr.2020.04.632>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Acoustic study on motorcycle helmets with application of novel porous material

Lavrentjev, Jüri; Rämmal, Hans SAE Technical Paper Series : The 25th Small Engine Technology Conference (SETC2019) : Small Powertrains–Innovating for Their Future Role, International Conference Center Hiroshima, November 19-21, 2019 : Final program 2020 / Paper 2019-32-0531, p. 1-7 : ill <https://www.sae.org/publications/technical-papers/content/2019-32-0531/> http://www.setc-isaee.com/2019docs/SETC2019_FinalProgram_all.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

Acoustical methods for investigating turbocharger flow instabilities

Kabral, Raimo; Rämmal, Hans; Abom, Mats SAE Technical Papers 2013 <https://doi.org/10.4271/2013-01-1879> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling

Ilste, Elisa; Pikas, Ergo; Kalamees, Targo; Viik, Joosep Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 <https://doi.org/10.35490/EC3.2024.221> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Active blended learning as a tool focused on industry 5.0 at EuroTeQ Engineering University

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2024 IEEE Global Engineering Education Conference (EDUCON) : proceedings 2024 / p. 1-5 <https://doi.org/10.1109/EDUCON60312.2024.10578688> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Active clamped dual current-fed bidirectional DC-DC converter for wide voltage range applications

Chauhan, Sachin; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p <https://doi.org/10.1109/RTUCON62997.2024.10830838>

Active front end converters with voltage balancing capability

Verbytskyi, Ievgen; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri; Kyselova, Anna 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p <https://doi.org/10.1109/RTUCON62997.2024.10830902>

Active front-end DC grid-forming converter design with power balancing capability

Verbytskyi, Ievgen; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p <https://doi.org/10.1109/ICDCM63994.2025.11144688>

Active learning of students with diverse goals and backgrounds in the light of Industry 4.0 requirements

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Proceedings of the 2022 IEEE Global Engineering Education Conference (EDUCON) 2022 / p. 351-355 <https://doi.org/10.1109/EDUCON52537.2022.9766564>

Active learning-based mobile malware detection utilizing auto-labeling and data drift detection

Deng, Zhe; Hubert, Arthur; Ben Yahia, Sadok; Bahsi, Hayretudin Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience, CSR 2024 2024 / p. 146 - 151 <https://doi.org/10.1109/CSR61664.2024.10679343> [Article at Scopus](#) [Article at WOS](#)

Active power electronic transformer based on modular building blocks

Roasto, Indrek; Romero-Cadaval, Enrique; Martins, Joao Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013 2013 / p. 5922-5927 : ill <https://doi.org/10.1109/IECON.2013.6700106> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Active redundancy in fault tolerance : A modular switch level solution with synchronous switching

Shirodkar, Aditya; Banavath, Satish Naik; Chub, Andrii; Mandrioli, Riccardo; Ricco, Mattia 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p <https://doi.org/10.1109/ICDCM63994.2025.11144667>

Active redundancy in isolated DC-DC converters: A modular solution for fault tolerance

Shirodkar, Aditya; Banavath, Satish Naik; Yadav, Neelesh; Chub, Andrii; Mandrioli, Riccardo 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 5 p <https://doi.org/10.1109/CPE-POWERENG63314.2025.11027280>

Active-passive two-way ranging using UWB

Laadung, Taavi; Ulp, Sander; Alam, Muhammad Mahtab; Le Moullec, Yannick 2020, 14th International Conference on Signal Processing and Communication Systems, (ICSPCS) December 14-16, 2020 – Virtual Conference : proceedings 2020 <https://doi.org/10.1109/ICSPCS50536.2020.9309999>

The Activities of IGIP

Polyakova, Tatiana; Prikhodko, Viacheslav; Rüttemann, Tiia; Auer, Michael E. The International Society for Engineering Pedagogy:

AdAM: adaptive fault-tolerant approximate multiplier for edge DNN accelerators

Taheri, Mahdi; Cherezova, Natalia; Nazari, Samira; Rafiq, Ahsan; Azarpeyvand, Ali; Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan; Jenihhin, Maksim 2024 IEEE European Test Symposium (ETS): ETS 2024 : May 20-24, 2024, The Hague, Netherlands : proceedings 2024 <https://doi.org/10.1109/ETS61313.2024.10567161> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adaptive chaotic class topper optimization to solve Non-convex CHPED problems in power systems

Gupta, Pradeep Kumar; Tuttlberg, Kaur; Kilter, Jako 2024 IEEE PES Innovative Smart Grid Technologies - Asia (ISGT Asia) 2024 / 6 p. <https://doi.org/10.1109/ISGTAsia61245.2024.10876314>

An adaptive class topper optimization for scheduling thermal generation with cubic fuel cost function

Gupta, Pradeep Kumar; Gupta, Anju Kumari; Tuttlberg, Kaur; Kilter, Jako 2025 15th International Conference on Power, Energy, and Electrical Engineering (CPEEE) 2025 / p. 195-199 <https://doi.org/10.1109/CPEEE64598.2025.10987339>

Adaptive controller for networked control systems subjected to random communication delays

Srinivasan, Seshadhri; Saravanakumar, G.; Subathra, B.; Kotta, Ülle Soft computing applications : proceedings of the 7th International Workshop Soft Computing Applications (SOFA 2016). Vol. 1 2018 / p. 78-94 https://doi.org/10.1007/978-3-319-62521-8_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adaptive Kalman filter based data aggregation in fault-resilient Underwater Sensor Networks

Vihman, Lauri; Raik, Jaan 2023 24th International Conference on Digital Signal Processing (DSP) 2023 / p. 1-5 <https://doi.org/10.1109/DSP58604.2023.10167982>

Adaptive LQR controller for Networked Control Systems subjected to random communication delays

Srinivasan, Seshadhri; Vallabhan, Mishiga; Ramaswamy, Srin; Kotta, Ülle American Control Conference (ACC), 2013 : 17 - 19 June 2013, Washington, DC, USA (2013) 2013 / p. 783 - 787 <https://doi.org/10.1109/acc.2013.6579931> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

ADAssure : debugging methodology for autonomous driving control algorithms

Roberts, Andrew James; Heidari Iman, Mohammad Reza; Bellone, Mauro; Ghasempouri, Tara; Raik, Jaan; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2024 / p. 1-6 <https://doi.org/10.23919/DATE58400.2024.10546519> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Added value of post-secondary education in Estonia

Küttim, Merle; Hartšenko, Jelena; Riivits-Arkonsuo, Ivi HEAd'19 : 5th International Conference on Higher Education Advances : proceedings 2019 / p. 65-73 <https://doi.org/10.4995/HEAd19.2019.9437>

Additive cellular automata graded-monadically

Capobianco, Silvio; Uustalu, Tarmo PPDP '23 : proceedings of the 25th International Symposium on Principles and Practice of Declarative Programming 2023 / art. 13, 9 p <https://doi.org/10.1145/3610612>

Additive manufacturing of prototype axial flux switched reluctance electrical machine

Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas; Rassõlkin, Anton 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 4 p. : ill <https://doi.org/10.1109/IWED52055.2021.9376337>

Additive manufacturing of TiC-based cermet with stainless steel as a binder material

Maurya, Himanshu Singh; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Materials today: proceedings 2022 / p. 824-828 <https://doi.org/10.1016/j.matpr.2022.02.428> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Additively manufactured and topology optimized heatsink for a propulsion motor

Sarap, Martin; Kallaste, Ants; Vaimann, Toomas; Shams Ghahfarokhi, Payam 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700108>

Addressing cross-coupling issues in magnetically integrated three-port DC-DC converters

Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Sohail, Umer; Chub, Andrii 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 5 p <https://doi.org/10.1109/PEMC61721.2024.10726373>

Addressing scalability issues in semantics-driven recommender systems

Bendouch, Mounir M.; Frasinca, Flavius; Robal, Tarmo WI-IAT '21: IEEE/WIC/ACM International Conference on Web Intelligence 2021 / p. 56-63 <https://doi.org/10.1145/3486622.3493963> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adhesion of AlCrN coating deposited on TiB2/Ti composites sintered by SPS dedicated for high temperature tribological applications

Michalczewski, Remigiusz; Kalbarczyk, M.; Slomka, Z.; **Hussainova, Irina; Liu, Le; Antonov, Maksim** IOP conference series : materials science and engineering 2021 / art. 012010, 9 p <https://doi.org/10.1088/1757-899X/1140/1/012010>

Adjusted electrical equivalent circuit model of induction motor with broken rotor bars

Rassõlkin, Anton; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Petrov, Aleksei; Plokhov, Igor; Kotelnikov, Aleksandr PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 213-218 : ill <https://doi.org/10.1109/PQ.2016.7724115>

Adjusting university education with workspace training and self-education

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO 2018), Opatija, Croatia, 21-25 May 2018 : proceedings 2018 / p. 701–708 : ill <https://doi.org/10.23919/MIPRO.2018.8400131>

Administrative burden reduction over time : literature review, trends and gap analysis

Meyerhoff Nielsen, Morten; Goncalves Veiga, Linda; Carvalho, Nuno Ramos; Barbosa, Luis Soares ICEGOV '17 : proceedings of the 10th International Conference on Theory and Practice of Electronic Governance : New Delhi AA, India, March 7-9, 2017 2017 / p. 140-148 <https://doi.org/10.1145/3047273.3047334> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Administrative culture : [article in collection]

MacCarthaigh, Muiris; **Saarniit, Leno** The Oxford encyclopedia of public administration 2019 / p. 1-41 <https://doi.org/10.1093/acrefore/9780190228637.013.1452>

Adoption of BIM-related international standards across Europe

Sibenik, Goran; Mizumoto, Juliana; Bosche, Frederic; Meda, Pedro; **Puust, Raido;** Akbarieh, Arghavan; Bolpagni, Marzia Proceedings of the 2023 European Conference on Computing in Construction and the 40th International CIB W78 Conference 2023 / 7 p <https://doi.org/10.35490/EC3.2023.282>

ADSecData platform: an open-source data platform for autonomous driving cybersecurity

Roberts, Andrew James; Malayjerdi, Mohsen; Bellone, Mauro; Sell, Raivo; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 2025 IEEE 101st Vehicular Technology Conference, VTC2025-Spring, 17-20 June 2025, Oslo, Norway 2025 / 7 p <https://www.etis.ee/Portal/Publications/Display/d6c0e7e7-c789-4c27-ae91-aabd943e3e7f>

ADSecLang: a domain-specific language for cybersecurity testing of autonomous vehicles

Roberts, Andrew James; Cheng, Jingyue; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 2025 IEEE 101st Vehicular Technology Conference, VTC2025-Spring, 17-20 June 2025, Oslo, Norway 2025 / 6 p <https://www.etis.ee/Portal/Publications/Display/a8bb1234-4dfd-46f5-aae6-19bf25b2f222>

Advanced condition monitoring method for high voltage overhead lines based on visual inspection

Manninen, Henri; Kilter, Jako; Landsberg, Mart 2018 IEEE Power & Energy Society General Meeting (PESGM 2018) : Portland, Oregon, USA, 5-10 August 2018 2018 / p. 2321-2325 : ill <https://doi.org/10.1109/PESGM.2018.8586498>

Advanced ICT solutions in a distance vocational education and training in the field of robotics

Pilat, Zbigniew; Arapi, Polyxeni; Pappas, Nikos; Omieljanowicz, Mirosław; Prokopiuk, Norbert; Tamre, Mart The 16th International Conference "Mechatronic Systems and Materials" : MSM 2021 July 1, 2021 - July 2, 2021 : abstract book 2021 / p. 62-63 <https://vb.vgtu.lt/object/elaba:100810507/100810507.pdf>

Advanced methodology for estimation of value of lost load (VOLL) using equipment specific health indices

Manninen, Henri; Kilter, Jako; Landsberg, Mart 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p <https://doi.org/10.1109/PQ.2019.8818245>

Advanced rich transcription system for Estonian speech

Alumäe, Tanel; Tiik, Ottokar; Ullah, Asad Human Language Technologies - the Baltic Perspective : Proceedings of the Eighth International Conference, Baltic HLT 2018 2018 / p. 1-8 <https://doi.org/10.3233/978-1-61499-912-6-1> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Advancements and restrictions of E-assessment in view of remote learning in engineering

Raud, Zoja; Vodovozov, Valery 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982349>

Advances in machine fault diagnosis

Vaimann, Toomas Advances in machine fault diagnosis 2022 / p. 1-5 <https://doi.org/10.3390/app11167348>

Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops : DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-87657-9>

Aggregated conducted electromagnetic interference generated by DC/DC converters with deterministic and random modulation

Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; **Demidova, Galina** Industrial and Technological Applications of Power Electronics Systems 2021 / p. 331-339 <https://doi.org/10.3390/en13143698>

Aggregated energy flexibility provision using residential heat pumps

Plaum, Freddy; Ahmadiyahangar, Roya; Rosin, Argo 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 5 I <https://doi.org/10.1109/CPE-POWERENG54966.2022.9880898>

Agile software engineering methodology for information systems' integration projects

Taveter, Kuldar; Norta, Alexander Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 215-230 : ill https://doi.org/10.1007/978-3-319-70004-5_15 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

AI generated route data pre-processing for faster decision making

Maas, Rene; Ševtšenko, Eduard; **Karaulova, Tatjana** 2024 8th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE) 2024 / p. 82-87 <https://doi.org/10.1109/YEF-ECE62614.2024.10625086>

AI systems to ensure cyber security in space

Pelin Manti, Nebile; **Carlo, Antonio**; Markova, Rada; Jha, Devanshu; Breda, Paola; Abdin, Adam; Boschetti, Nicolo IAC 2022 congress proceedings 2022 / art. 70423 <https://dl.iafastro.directory/event/IAC-2022/paper/70423/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

AI trustworthiness and persuasive effects in users' judgment

Lewandowska-Tomaszczyk, Barbara; **Da Costa Sousa, Sonia Claudia** Cultures, Narratives, and Concepts 2025 / p. 281-296 <https://link.springer.com/book/10.1007/978-3-031-86158-1> https://doi.org/10.1007/978-3-031-86158-1_16

AI-based surrogate model for the prediction of ship fuel consumption reflecting hydrometeorological conditions

Zhang, Mingyang; Tsoulakos, Nikolaos; **Kujala, Pentti Jouko Sakari**; Hirdaris, Spyros Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; vol. 9 2024 / OMAE2024-121992, V009T13A016 ; 11 pages <https://doi.org/10.1115/OMAE2024-121992> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Aiming at the improvement of safety at Indian construction workplace

Chellappa, Vigneshkumar; Salve, Urmi Ravindra; **Liias, Roode** 13th International Conference : Modern Building Materials, Structures and Techniques, May 16–17, 2019, Lithuania 2019 / p. 539-544 <https://doi.org/10.3846/mbmst.2019.110>

Air change efficiency of room ventilation units

Mikola, Alo; Rehand, Juhan; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 01017, 8 p <https://doi.org/10.1051/e3sconf/201911101017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Air exchange of the hydraulic system with water-drag-driven dynamics

Laanearu, Janek Proceedings 39th IAHR World Congress 2022 / p. 1797-1803 <https://doi.org/10.3850/IAHR-39WC2521711920222003>

Air leakage of concrete floor and foundation junctions

Alev, Üllar; Antsov, Peeter; **Kalamees, Targo** Energy procedia 2015 / p. 2046-2051 : ill <https://doi.org/10.1016/j.egypro.2015.11.217> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Airtightness improvement solutions for log wall joints

Alev, Üllar; Uus, Andres; **Kalamees, Targo** Energy procedia 2017 / p. 861-866 : ill <https://doi.org/10.1016/j.egypro.2017.09.678> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Airtightness of Estonian dwellings – median and base-values for heat loss estimation

Hallik, Jaanus; Kalamees, Targo; Pikas, Ergo Journal of Physics: Conference Series 2023 / 9 p <https://doi.org/10.1088/1742-6596/2654/1/012063> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Air-to-water heat pump monitoring in the cold climate region

Kõiv, Teet-Andrus; Ling, Mariin; Tennokese, Kaspar Innovative Solutions in the Field of Engineering Sciences : selected, peer reviewed papers from the 2014 International Conference on Applied Mechanics and Mechanical Automation (AMMA 2014), May 20-21, 2014, Macao, China 2014 / p. 599-603 : ill <https://doi.org/10.4028/www.scientific.net/AMM.590.599> [Article at Scopus](#)

AIS data analysis: reality in the Sea of Echos

Visky, Gabor; Rohl, Alexander; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE 49th Conference on Local Computer Networks (LCN) 2024 / 7 p <https://doi.org/10.1109/LCN60385.2024.10639765>

AL – A prototype autonomous ship model for navigating in ice conditions

Bolbot, Victor; Sandru, Andrei; Saarniemi, Ture; Freter, Jan Hendrik; Puolakka, Otto; **Kujala, Pentti**; Valdez Banda, Osiris A. Proceedings of ASME 2024 43rd International Conference on Ocean, Offshore and Arctic Engineering (OMAE2024) June 9-14, 2024, Singapore, Singapore Volume 5 Ocean engineering A 2024 / art. v05at06a049, 10 p. <https://doi.org/10.1115/OMAE2024-127465>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

ALD applied to conformal rare-earth coating of ZnO nanoparticles for low temperature thermal imaging applications
Rauwel, Erwan; Galeckas, Augustinas; Rauwel, Protima ECS transactions 2014 / p. 23-31 : ill <https://doi.org/10.1149/06409.0023ecst>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Algebraic and coalgebraic perspectives on interaction laws
Uustalu, Tarmo; **Voorneveld, Niels** Programming Languages and Systems : 18th Asian Symposium, APLAS 2020, Fukuoka, Japan, November 30 – December 2, 2020 : proceedings 2020 / p. 186-205 https://doi.org/10.1007/978-3-030-64437-6_10 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Algorithm for finding zero factor free rules
Lind, Grete; **Kuusik, Rein**, inform. Man-Machine Interactions 4 : 4th International Conference on Man-Machine Interactions, ICMMI 2015 Kocierz Pass, Poland, October 6-9, 2015 2016 / p. 421 - 435 https://doi.org/10.1007/978-3-319-23437-3_36 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Algorithms for online CO2 baseline correction in intermittently occupied rooms
Vihman, Lauri; **Parts, Tuule Mall**; **Aljas, Hans Kristjan**; **Thalfeldt, Martin**; **Raik, Jaan** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 302-309 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>

Alloying of TiC-FeCr cermet in manganese vapor
Kolnes, Märt; **Tarraste, Marek**; **Kübarsepp, Jakob**; **Juhani, Kristjan**; **Viljus, Mart** IOP conference series : materials science and engineering 2021 / art. 012043 <https://doi.org/10.1088/1757-899X/1140/1/012043>

An "almost dual" to Gottschalk's conjecture
Capobianco, Silvio; Kari, Jarkko; Taati, Siamak Cellular Automata and Discrete Complex Systems : 22nd IFIP WG 1.5 International Workshop, AUTOMATA 2016, Zurich, Switzerland, June 15-17, 2016 : proceedings 2016 / p. 77-89 : ill https://doi.org/10.1007/978-3-319-39300-1_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Ambrogio Lorenzetti's Siena frescoes and public administration today
Drechsler, Wolfgang The Humanities and Public Administration 2025 / p. 236-252 <https://doi.org/10.4337/9781035333608.00021>

Ameliorated quantum class topper optimization to solve economic load dispatch problems
Gupta, Pradeep Kumar; Kumari Gupta, Anju; **Tuttelberg, Kaur**; **Kilter, Jako** 2024 3rd International Conference on Energy Transition in the Mediterranean Area (SyNERGY MED) 2024 / 5 p <https://doi.org/10.1109/SyNERGYMED62435.2024.10799422>

An alternative approach to distinguish movements of Parkinson disease patients
Nömm, Sven; Toomela, Aaro; Vaske, Martti; Uvarov, Dan; Taba, Pille IFAC-PapersOnLine 2016 / p. 272-276 : ill <https://doi.org/10.1016/j.ifacol.2016.10.546> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An expectation-based approach to policy-based security of the Border Gateway Protocol
Li, Jun; Stein, Josh; Zhang, Mingwei; **Maennel, Olaf Manuel** 2016 IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS) : GI 2016 : IEEE Global Internet Symposium : April 10-14, 2016, San Francisco, CA, USA 2016 / p. 340-345 : ill <https://doi.org/10.1109/INFOCOMW.2016.7562098> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An indirect adaptive control paradigm for wind generation systems
Kamal, Tariq; Karabacak, Murat; Hassan, Syed Zulqadar; Fernández Ramírez, Luis M.; **Roasto, Indrek**; Khan, Laiq Advanced control and optimization paradigms for wind energy systems 2019 / p. 235-257 https://doi.org/10.1007/978-981-13-5995-8_10 [Article collection metrics at Scopus](#) [Article at Scopus](#)

An IoT course program to foster the adoption of IoT driven food and agriculture in Sub-Saharan Africa (SSA)
Kuaban, Godlove Suila; Nowak, Mateusz; Czekalski, Piotr; Tokarz, Krzysztof; Tangka, ulius Kewir; Siggursson, Kjartan; Nikitenko, Agris; Berkolds, Karlis; **Sell, Raivo** 2022 International Conference on Electrical, Computer and Energy Technologies (ICECET) 2022 / p. 1-7 <https://doi.org/10.1109/ICECET55527.2022.9872825>

Analysing robustness of tiny deep neural networks
Mousavi, Hamid; Zoljodi, Ali; **Daneshtalab, Masoud** New Trends in Database and Information Systems : ADBIS 2023 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, PeRS, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 150-159 https://doi.org/10.1007/978-3-031-42941-5_14 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Analysing small states in crisis: fundamental assumptions and analytical starting points
Sarapuu, Külli; Thorhallsson, Baldur; Wivel, Anders Small states and the European migrant crisis : politics and governance 2021 / p. 19-40 https://doi.org/10.1007/978-3-030-66203-5_2

Analysis and improvement of resilience for long short-term memory neural networks

Ahmadilivani, Mohammad Hasan; Raik, Jaan; Daneshtalab, Masoud; Kuusik, Alar 2023 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) 2023 / 4 p <https://doi.org/10.1109/DFT59622.2023.10313559>

Analysis and static mode optimization of simultaneous inductive and capacitive coupled wireless power transfer system

Shevchenko, Viktor; Pakhaliuk, Bohdan; Husev, Oleksandr; Vinnikov, Dmitri; Strzelecki, Ryszard; Khomenko, Maksym 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 5 p <https://doi.org/10.1109/RTUCON60080.2023.10413112>

Analysis of a reconfigurable non-isolated DC-DC converter for DC microgrid applications

Yadav, Vinod Kumar; Chub, Andrii 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p <https://ieeexplore.ieee.org/document/11144731> <https://doi.org/10.1109/ICDCM63994.2025.11144731>

Analysis of advanced passive heatsinks for electrical machines enabled by additive manufacturing

Sarap, Martin; Kallaste, Ants; Shams Ghahfarokhi, Payam; Vaimann, Toomas 2023 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings 2023 / 6 p. : ill <https://doi.org/10.1109/WEMDCD55819.2023.10110940>

Analysis of autonomous driving software to low-level sensor cyber attacks

Roberts, Andrew James; Malayjerd, Mohsen; Bellone, Mauro; Sell, Raivo; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 20th International Conference on Software Engineering for Adaptive and Self-Managing Systems, SEAMS 2025, 28-29 April 2025, Ottawa, Ontario, Canada 2025 / 11 p <https://www.etis.ee/Portal/Publications/Display/c612b9a7-7a51-4621-b2d2-76ec03764667>

Analysis of barrier inhomogeneities of P-type Al/4H-SiC Schottky barrier diodes

Ziko, Mehadi Hasan; Koel, Ants; Rang, Toomas; Toompuu, Jana Silicon Carbide and Related Materials 2019 : Selected peer-reviewed papers from International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), September 29 - October 4, 2019, Kyoto, Japan Materials science forum 2020 / p. 960-972 <https://doi.org/10.4028/www.scientific.net/MSF.1004.960>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Analysis of black start strategies for microgrids with renewable distributed generation

Armstorfer, Andreas; Biechl, Helmut; Rosin, Argo IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 2121-2125 : ill <https://doi.org/10.1109/IECON.2019.8926631> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analysis of causes of the end of service life of a spray polyurethane foam and polyurea roof

Kalamees, Targo; Ilomets, Simo; Põldaru, Mattias; Klõšeiko, Paul; Kallavus, Urve; Rosenberg, Margit; Õiger, Karl E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 15002, 6 p. : ill <https://doi.org/10.1051/e3sconf/202017215002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analysis of common mode and rapidly varying voltage profile on stator current harmonics of an inverter-fed induction motor

Sardar, Muhammad Usman; Vaimann, Toomas; Kütt, Lauri; Kallaste, Ants; Asad, Bilal; Kudelina, Karolina; Akbar, Siddique 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p. : ill <https://doi.org/10.1109/RTUCON60080.2023.10413067>

Analysis of consumer energy flexibility and applicability for power system

Metsik, Merilin; Rosin, Argo; Maask, Vahur; Agabus, Hannes 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830882>

The analysis of finger photoplethysmographic waveform in healthy volunteers and diabetes patients [Electronic resource]

Pilt, Kristjan; Meigas, Kalju; Temitski, Kristina; Viigimaa, Margus IFMBE proceedings ; Vol. 38 2013 / p. 55-58 : ill [CD-ROM] https://doi.org/10.1007/978-3-642-34197-7_14 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Analysis of historical MERIS and MODIS data to evaluate the impact of dredging to monthly mean surface TSM concentration

Raag, Laura; Uiboupin, Rivo; Sipelgas, Liis Remote sensing of the ocean, sea ice, coastal waters, and large water regions 2013 : 24 September 2013, Dresden, Germany 2013 / art. 88880B <https://doi.org/10.1117/12.2032327> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Analysis of holdup time for DC grid-forming isolated active front-end converters

Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6 <https://doi.org/10.1109/IECON49645.2022.9969075> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Analysis of hull performance on fast patrol boat with an extended study of survivability under damaged conditions

Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh**; Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 <https://doi.org/10.1088/1755-1315/1166/1/012046> [Conference Proceedings at Scopus Article at Scopus](#)

Analysis of Industry 4.0 capabilities: a perspective of educational institutions and needs of industry

Mahmood, Kashif; Otto, Tauno; Kristensen, Jesper H.; Heidemann Lassen, Astrid; Brunoe, Thomas D.; Schou, Casper; Christiansen, Lasse; Laursen, Esben Skov Towards Sustainable Customization : Bridging Smart Products and Manufacturing Systems : proceedings of the 8th Changeable, Agile, Reconfigurable and Virtual Production Conference (CARV2021) and the 10th World Mass Customization & Personalization Conference (MCPC2021), Aalborg, Denmark, October/November 2021 2022 / p. 887–894 https://doi.org/10.1007/978-3-030-90700-6_101 [Conference proceedings at Scopus Article at Scopus](#)

Analysis of instantaneous cardiac EBI signal variability over the heart cycle(s) : non-linear time-scale approach

Krivošei, Andrei; Min, Mart; Annus, Paul; Kõiv, Hip; Aabloo, Alvo; Uuetoa, Tiina EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 940-943 : ill https://doi.org/10.1007/978-981-10-5122-7_235 [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Analysis of insulation degradation behavior based on partial discharge measurement

Choudhary, Maninder 22nd International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Pärnu, Estonia, August 23-26, 2023 2023 / p. 71-72 : ill https://www.ester.ee/record=b5570906*est

Analysis of keyword spotting performance across IARPA Babel languages

Hartmann, William; Karakos, Damianos; Hsiao, Roger; Zhang, Le; **Alumäe, Tanel**; Tsakalidis, Stavros; Schwartz, Richard 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 5765-5769 : ill <https://doi.org/10.1109/ICASSP.2017.7953261> [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Analysis of microstructure and abrasive wear of Fe-based hardfacings with TiC, in-situ synthesized from TiO₂

Yöyler, Sibel; Surzhenkov, Andrei; Antonov, Maksim; Viljus, Mart; Traksmäa, Rainer; Juhani, Kristjan Euro PM2023 : proceedings 2023 / art. 195090 <https://doi.org/10.59499/EP235762969>

Analysis of STEM teaching - most common strategies and methods enabling deep understanding and interactive learning applied by graduates of technical teacher initial and continuing education programs in Estonia

Rüütman, Tiia Interactive Collaborative Learning : proceedings of the 19th ICL Conference - Volume 1 2017 / p. 405-414 : ill https://doi.org/10.1007/978-3-319-50337-0_39 [Conference proceedings at Scopus Article at Scopus](#)

Analysis of the impact of poisoned data within Twitter classification models

Price, Christopher; Nõmm, Sven; Priisalu, Jaan Proceedings of the 5th interdisciplinary cyber research conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource] 2019 / p. 53-57 <https://doi.org/10.1016/j.ifacol.2019.12.170> https://www.ester.ee/record=b5238490*est [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building

Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 <https://doi.org/10.26868/25222708.2021.30566>

Analysis of the reciprocal wear testing of Aluminum AA1050 processed by a novel mechanical nanostructuring technique

Omranpour Shahreza, Babak; Kommel, Lembit; Sergejev, Fjodor; Ivanisenko, Yulia; Antonov, Maksim IOP conference series : materials science and engineering 2021 / art. 012051, 6 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012051>

Analysis of the use of supercapacitors and batteries as energy storage elements for off-grid hybrid photovoltaic inverters

Gonschorowski, E.; Cardoso, Rafael; **Carvalho da Silva, Edivan Laercio**; de Oliveira Stein, Carlos Marcelo; Carati, Emerson Giovanni; Denardin, Gustavo Weber; da Costa, Jean Patric 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 7 p <https://doi.org/10.1109/SPEC56436.2023.10407182>

Analysis of ventilation load flexibility depending on indoor climate conditions

Maask, Vahur; Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Korõtko, Tarmo 2020 IEEE International Conference on Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings 2020 / p. 607-612 <https://doi.org/10.1109/ICIT45562.2020.9067153> [Conference Proceedings at Scopus Article at Scopus Article at WOS](#)

Analyzing and investigating encrypted traffic for social media application Instagram

Iqbal, Hameed; Ahmad, Rizwan; Ahmed, Waqas; Qazi, Shams; **Alam, Muhammad Mahtab** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. : ill <https://doi.org/10.1109/BEC56180.2022.9935603>

Analyzing Apache Storm as core for an event processing network model

Schulze, Christin; Gerner, Christian; Tyca, Matthias; Koschel, Arne; Pakosch, Anna; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 3 2024 / p. 397 - 410 https://doi.org/10.1007/978-3-031-47715-7_27 [Conference Proceedings at Scopus Article at Scopus Article at WOS](#)

Analyzing candidate speaking time in Estonian Parliament election debates

Talts, Siim; Alumäe, Tanel DHN 2020 : Digital Humanities in the Nordic Countries : proceedings of the Digital Humanities in the Nordic Countries 5th Conference : Riga, Latvia, October 21-23, 2020 / p. 351–363 <http://ceur-ws.org/Vol-2612/short22.pdf>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Analyzing eID public acceptance and user preferences for current authentication options in Estonia

Tsap, Valentyna; Lips, Silvia; Draheim, Dirk Electronic Government and the Information Systems Perspective : 9th International Conference, EGOVIS 2020, Bratislava, Slovakia, September 14-17, 2020 : proceedings 2020 / p. 159-173 https://doi.org/10.1007/978-3-030-58957-8_12 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Analyzing energy flexibility by demand response in a Finnish district heated apartment building

Ju, Yuchen; Jokisalo, Juha; Kosonen, Risto; Kauppi, Ville; Janßen, Philipp E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09006, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124609006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Analytical model including rotor eccentricity for bearingless synchronous reluctance motors

Saarakkala, Seppo E.; Mukherjee, Victor; Belahcen, Anouar XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 / p. 1388-1394 : ill <https://doi.org/10.1109/ICELMACH.2018.8506892>

Anchor tenants : social capital creation in nascent entrepreneurial ecosystems

Harima, Aki Entrepreneurial ecosystems in cities and regions : emergence, evolution, and future 2024 / p. 314-331
<https://doi.org/10.1093/oso/9780192866264.003.0018>

Annealing effect on CdS films : transition from glass to ITO

Maticiu, Natalia; Hiie, Jaan IOP conference series : materials science and engineering 2013 / p. 1-4 : ill <https://doi.org/10.1088/1757-899X/49/1/012061> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

ANN-LSTM based tool for photovoltaic power forecasting

Zahraoui, Younes; Korötko, Tarmo; Mekhilef, Saad; Rosin, Argo 2024 4th International Conference on Smart Grid and Renewable Energy (SGRE) : proceedings 2024 / 6 p. : ill <https://doi.org/10.1109/SGRE59715.2024.10428969>

Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room

Vösa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 04009, 8 p <https://doi.org/10.1051/e3sconf/201911104009> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Anonymization methods of structured health care data : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 175-189 https://doi.org/10.1007/978-3-030-78428-7_14 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Antidictionary-based cardiac arrhythmia classification for smart ECG sensors

Duforest, Julien; Larras, Benoit; Frappe, Antoine; Deepu, John Deepu; Märten, Olev 2022 IEEE International Symposium on Circuits and Systems (ISCAS) : proceedings 2022 / p. 414-418 : ill <https://doi.org/10.1109/ISCAS48785.2022.9937853> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Applicability of spiral drawing test for mental fatigue modelling

Senkiv, Olesja; Nömm, Sven; Toomela, Aaro IFAC-PapersOnLine 2019 / p. 190-195 : ill <https://doi.org/10.1016/j.ifacol.2019.01.064> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application and control of bidirectional T-type converter in hybrid bipolar AC/DC microgrid

Sassonker Elkayam, Moria; Vinnikov, Dmitri 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p <https://doi.org/10.1109/ICDCM63994.2025.11144720>

Application of boundary conduction mode control in galvanically isolated buck-boost converter

Mashinchi Maheri, Hamed; Vinnikov, Dmitri; Chub, Andrii 3rd International Conference on Smart Grid and Renewable Energy (SGRE) 2022 / p. 1-6 <https://doi.org/10.1109/SGRE53517.2022.9774105>

Application of component organized learning method for DIGSCM 4.0 hybrid courses

Ševtšenko, Eduard; Maas, Rene; Karaulova, Tatjana; Truver, Anna; Nikolajeva, Anna; Revals, Ritvars; Popell, Janek; Dembovska, Iveta; Samuolaitis, Mindaugas; Raupeliene, Asta Learning in the Age of Digital and Green Transition : proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. 157-170 https://doi.org/10.1007/978-3-031-26876-2_15 https://link.springer.com/chapter/10.1007/978-3-031-26876-2_15 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of databases for compatibility of electrical installation design [Electronic resource]

Lehtla, Madis; Müür, Margus; Kõivastik, Ivar; Müül, Kristjan CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 299-302 [CD-ROM]
<https://ieeexplore.ieee.org/document/5942249> <https://doi.org/10.1109/CPE.2011.5942249>

Application of extensible processing platforms for experiments with FPGA-based circuits

Sklyarov, Valery; Skliarova, Ioulia; Silva, João; Rjabov, Artjom; Sudnitsõn, Aleksander MELECON 2014 : 2014 17th IEEE Mediterranean Electrotechnical Conference : 13-16 April 2014, Beirut, Lebanon 2014 / p. 467-471 : ill
<https://doi.org/10.1109/MELCON.2014.6820579> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of genetic algorithms to neural networks based control of a liquid level tank system

Vassiljeva, Kristina; Belikov, Juri; Petlenkov, Eduard 2014 International Joint Conference on Neural Networks (IJCNN) : July 6-11, 2014, Beijing, China 2014 / p. 2525-2530 : ill <https://doi.org/10.1109/IJCNN.2014.6889912> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of Haar wavelet based methods for solving wave propagation problems

Ratas, Mart; Jena, S.K.; Chakraverty, S. AIP conference proceedings 2020 <https://doi.org/10.1063/5.0026696> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Application of Haar wavelet method for solving nonlinear evolution equations

Ratas, Mart International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2018 : 13-18 September 2018, Rhodes, Greece 2019 / art. 330004, p. 1-4 <https://doi.org/10.1063/1.5114342> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of HOHWM based function approximation algorithms in engineering design

Mäe, Tiina; Plamus, Tiia; Majak, Jüri; Karunanidhi, Ramachandran; Rahman, Md Toufiqur International conference of numerical analysis and applied mathematics ICNAAM 2021 : Rhodes, Greece, 20-26 September 2021 2023 / art. 250003
<https://doi.org/10.1063/5.0162255> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Application of HOHWM for vibration analysis of nanobeams

Kirs, Maarjus; Eerme, Martin; Bassir, David; **Tungel, Ernst** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 230-235
<https://www.scientific.net/KEM.799.230> https://www.ester.ee/record=b5235278*est <https://doi.org/10.4028/www.scientific.net/KEM.799.230> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Application of HoHWM in the stability analysis of nonlocal Euler-Bernoulli beam

Jena, Subrat Kumar; Chakraverty, Snehashish; Ratas, Mart; Kirs, Maarjus International Conference of Numerical Analysis and Applied Mathematics ICNAAM 2019 : 23-28 September 2019 Rhodes, Greece 2020 / art. 230003 <https://doi.org/10.1063/5.0026439> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of neural-network based variable fractional order PID controllers for load frequency control in isolated microgrids

Belikov, Juri; Nosrati, Komeil; **Škiparev, Vjatšeslav; Tepljakov, Aleksei; Petlenkov, Eduard;** Levron, Yoash Power system frequency control : modeling and advances. 1st Ed 2023 / p. 203-216 : ill <https://www.elsevier.com/books/power-system-frequency-control/mishra/978-0-443-18426-0>

Application of Petri nets for modelling production system

Kekshin, Vjatsheslav; Lobov, Andrei IFAC-PapersOnLine 2025 / p. 1784-1789 <https://doi.org/10.1016/j.ifacol.2025.09.300>
<https://www.sciencedirect.com/science/article/pii/S2405896325010614>

Application of Taguchi method for in-situ synthesis of TiC from TiO₂-graphite powders in PTAW hardfacings and characterization thereof

Yöyler, Sibel; Surzhenkov, Andrei; Viljus, Mart; Traksmaa, Rainer; Juhani, Kristjan Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040007 <https://doi.org/10.1063/5.0189317> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Application of the Adaptive Higher Order Haar Wavelet based methods for solving the sine-Gordon equation

Ratas, Mart AIP conference proceedings 2022 / art. 380006 <https://doi.org/10.1063/5.0081491> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Application of the improved method of grids with the estimation of accuracy

Gornostajev, Dmitri; Arjassov, Gennadi; Baraškova, Tatjana; Žigailov, Sergei Procedia engineering 2014 / p. 1443-1448 : ill
<https://doi.org/10.1016/j.proeng.2014.03.140> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of transfer learning for instrument transformer condition monitoring

Asefi, Sajjad; Kilter, Jago; Akroud, Nabil; Hurtado, Aritz; Gilbert, Ian; Orue, Inaki 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostika) 2024 / 4 p <https://doi.org/10.1109/Diagnostika61830.2024.10693903>

Applications of digital twins for demand side recommendation scheme with consumer comfort constraints

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 5 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10407399>

Applications of the models

Danaila, Ionut; **Kaplanski, Felix;** Sazhin, Sergei Vortex Ring Models 2021 / p. 141-154 https://doi.org/10.1007/978-3-030-68150-0_7
[Article collection metrics at Scopus](#) [Article at Scopus](#)

Applying the morphogenetic perspective for the analysis of Estonian social transformations

Masso, Anu; Lauristin, Marju; Opermann, Signe; Kalmus, Veronika Researching Estonian transformation : morphogenetic reflections 2020 / p. 1-31 https://www.ester.ee/record=b5342716*est <https://www.tyk.ee/sotsioloogia/00000012967>

Applying user domain model to improve Web recommendations

Robal, Tarmo; Kalja, Ahto Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 118-131 <https://doi.org/10.3233/978-1-61499-161-8-118> [Conference Proceedings at Scopus](#) [Article at Scopus](#)
[Article at WOS](#)

APPRAISER : DNN fault resilience analysis employing approximation errors

Taheri, Mahdi; Ahmadilivani, Mohammad Hasan; Jenihhin, Maksim; Daneshtalab, Masoud; Raik, Jaan 2023 26th International Symposium on Design and Diagnostics of Electronic Circuits and Systems (DDECS) 2023 / p. 124-127 : ill <https://ddecs2023.taltech.ee/> <https://doi.org/10.1109/DDECS57882.2023.10139468>

Approach to account for external dynamics in fluid-structure interaction analysis in Abaqus

Sahk, Tarmo; Kõrgesaar, Mihkel; Yu, Zhaolong Innovations in the Analysis and Design of Marine Structures 2025 / p. 289-294 <https://doi.org/10.1201/9781003642411-35>

An approach to analyze the performance of advanced manufacturing environment

Mahmood, Kashif; Otto, Tauno; Golova, Jelena; Kangru, Tavo; Kuts, Vladimir Procedia CIRP 2020 / p. 628-633 <https://doi.org/10.1016/j.procir.2020.04.042> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

AR/VR Digital Twin for simulation and data collection of robotic environments

Martins, João G.; **Nutonen, Karle;** Costa, Paulo; **Kuts, Vladimir; Otto, Tauno;** Sousa, Armando; Petry, Marcelo R. 2025 IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC) 2025 / 6 p <https://doi.org/10.1109/ICARSC65809.2025.10970158>

Arabic aspect category detection for hotel reviews based on data augmentation and classifier chains

Ameur, Asma; Hamdi, Sana; **Ben Yahia, Sadok** SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 942-949 <https://doi.org/10.1145/3555776.3577746>

An archetype for a servitization-driven circular business model

Gülmez, Secil; Denktas-Sakar, Gül Marketing and Branding Paradigms in the Era of Sustainability 2025 / p. 71-96 <http://doi.org/10.52305/ZFLC8132>

Archetypes based meta-modeling towards evolutionary, dependable and interoperable healthcare information systems

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; **Tammer, Triinu; Parman, Marko; Puusep, Viljam** Procedia computer science 2014 / p. 457-464 : ill <https://doi.org/10.1016/j.procs.2014.08.069> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Archimedes screw - an alternative for safe migration through turbines?

Pauwels, Ine S.; **Tuhtan, Jeffrey Andrew;** Coeck, Johan; Buysse, David; Baeyens, Raf Novel Developments for Sustainable Hydropower 2022 / p. 125-133 : ill https://doi.org/10.1007/978-3-030-99138-8_11

Architectural solutions for high-speed data processing demands of CERN LHC detectors with FPGA and high-level synthesis

Devadze, Sergei; Nielsen, Christine Elizabeth; **Mihhailov, Dmitri; Ellervee, Peeter** 2024 IEEE Nordic Circuits and Systems Conference (NorCAS) 2024 <https://doi.org/10.1109/NorCAS64408.2024.10752490> [Article at Scopus](#)

Are the current system engineering practices sufficient to meet cyber crime?

Buldas, Ahto; Saarepera, Märt Human Aspects of Information Security, Privacy and Trust : 5th International Conference, HAS 2017 : held as part of HCI International 2017, Vancouver, BC, Canada, July 9-14, 2017 : proceedings 2017 / p. 451-463 https://doi.org/10.1007/978-3-319-58460-7_31 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An area aware accelerator for elliptic curve point multiplication

Imran, Malik; Pagliarini, Samuel Nascimento; Rashid, Muhammad Haroon 27th IEEE International Conference on Electronics Circuits and Systems, (ICECS) 2020, Glasgow, UK, Virtual Conference, November 23-25, 2020 : proceedings 2020 / 4 p <https://doi.org/10.1109/ICECS49266.2020.9294908>

Area efficient hexadecimal divider circuit implementation based on USP-awadhoot division algorithm

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC) 2021 / p. 1-8 <https://doi.org/10.1109/ICE/ITMC52061.2021.9570263>

Aristide Briand: cooperation as the motor of Europe

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 65-74 https://doi.org/10.1007/978-3-030-96662-1_8

Armor materials' behavior under repetitive dense plasma shots

Shirokova, Veronika; Laas, Tõnu; **Mikli, Valdek** Physica scripta 2014 / Art. 014045, 5 p. : ill <https://doi.org/10.1088/0031-8949/2014/T161/014045> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

The ARROWS project : robotic technologies for underwater archaeology

Allotta, Benedetto; Costanzi, Riccardo; Ridolfi, Alessandro; Salvetti, Ovidio; Reggiannini, Marco; **Kruusmaa, Maarja; Salumäe, Taavi;** Lane, David M. Mike; Frost, Gordon; Tsiogkas, Nikolaos; Cocco, Michele IOP conference series : materials science and engineering 2018 / art. 012088 <https://doi.org/10.1088/1757-899X/364/1/012088> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Art and automation of teaching malware reverse engineering

Lepik, Toomas; Maennel, Kaie; Ernits, Margus; Maennel, Olaf Manuel Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 461-472 https://doi.org/10.1007/978-3-319-91152-6_35 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Articulation during voice disguise: a pilot study

Tavi, Lauri; Kinnunen, Tomi; **Meister, Einar;** Gonzalez-Hautamäki, Rosa; **Malmi, Anton** Speech and Computer : 23rd International Conference, SPECOM 2021, St. Petersburg, Russia, September 27-30, 2021 : proceedings 2021 / p. 680-691 https://doi.org/10.1007/978-3-030-87802-3_61 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks

Zahraoui, Younes; Bouhanik, Anes; **Korötko, Tarmo; Rosin, Argo;** Mekhilef, Saad 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 225-229 <https://doi.org/10.1109/MELECON56669.2024.10608525>

Artificial intelligence in the defence sector

Carlo, Antonio Modelling and Simulation for Autonomous Systems : 7th International Conference, MESAS 2020, Prague, Czech Republic, October 21, 2020, Revised Selected Papers 2021 / p. 269-278 https://doi.org/10.1007/978-3-030-70740-8_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Artificial intelligence tools for university fundraising 5.0 : a comprehensive analysis

Cherniavska, Olena; Belov, Alexandr; Shmygol, Nadiia; **Järvis, Marina;** Cherniavska, Oleksandra; Tsalko, Tetiana 2023 IEEE 5th International Conference on Modern Electrical and Energy System (MEES) : proceedings 2023 / 6 p <https://doi.org/10.1109/MEES61502.2023.10402529>

Artificial intelligence use in e-Government services : a systematic interdisciplinary literature review

Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 547-559 https://doi.org/10.1007/978-981-19-8069-5_37 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

ARTmine : automatic association rule mining with temporal behavior for hardware verification

Heidari Iman, Mohammad Reza; Jervan, Gert; Ghasempouri, Tara 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : Valencia, Spain, 25-27 March 2024 : proceedings 2024 / p. 1-6 : ill <https://ieeexplore.ieee.org/document/10546742> <https://doi.org/10.23919/DATE58400.2024.10546742> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

ASAT weapons : enhancing NATO's operational capabilities in the emerging space dependent era

Carlo, Antonio; Veazoglou, Nikolaos Modelling and Simulation for Autonomous Systems : 6th International Conference, MESAS 2019, Palermo, Italy, October 29-31, 2019, Revised Selected Papers 2020 / p. 417-426 https://doi.org/10.1007/978-3-030-43890-6_34

Aspect-oriented Model-based testing with UPPAAL timed automata

Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gert Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21-23, 2021 : proceedings 2021 / p. 117-124 https://doi.org/10.1007/978-3-030-78428-7_10 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Aspects of personal data protection from state and citizen perspectives - case of Georgia

Tsulukidze, Mariam; Nyman-Metcalf, Katrin Merike; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 476-488 https://doi.org/10.1007/978-3-030-29374-1_39
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Aspects of using telepresence robot in a higher education STEAM workshop

Leoste, Janika; Virkus, Sirje; Kasuk, Tiina; Talisainen, Aleksei; Kangur, Katrin; Tolmos, Piedad Information Integration and Web Intelligence. iiWAS 2022 2022 / p. 18-28 https://doi.org/10.1007/978-3-031-21047-1_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Assertive and existential graphs : a comparison

Pietarinen, Ahti-Veikko; Chiffi, Daniele Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 565-581 https://doi.org/10.1007/978-3-319-91376-6_51 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Assessing energy generation and consumption patterns in times of crisis : COVID-19 as a case study

Ofir, Ron; Zargari, Noa; Levron, Yoash; Belikov, Juri 2021 IEEE Madrid PowerTech 2021 / 6 I <https://doi.org/10.1109/PowerTech46648.2021.9494753>

Assessing interaction mechanics in extended reality for control engineering applications

Remenyi, Armin; Alsaleh, Saleh; Tepljakov, Aleksei 2024 32nd International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2024 2024 <https://doi.org/10.23919/SoftCOM62040.2024.10721783> [Article at Scopus](#)

Assessing structural bonding aspects of multiband superconductors through impurity-induced local lattice distortions : a case study on MgB2

Pishtshev, Aleksandr; Klopov, Mihail International journal of quantum chemistry 2013 / p. 643-650 : ill <https://doi.org/10.1002/qua.24024> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Assessing the accuracy of EN ISO 13370 simplified method for edge insulation: A comparative analysis with steady-state and dynamic simulation models

Lomp, Siim; Kalamees, Targo; Hallik, Jaanus Multiphysics and Multiscale Building Physics : Proceedings of the 9th International Building Physics Conference (IBPC 2024) ; Volume 1: Moisture and Materials 2025 / p. 533-539 https://doi.org/10.1007/978-981-97-8305-2_75

Assessing the frost resistance of illite-based ceramics through the resonant frequency of free vibration and internal damping

Hulan, Tomaš; Knappek, Michal; Minarik, Peter; Csaki, Štefan; Kaljuvee, Tiit; Uibu, Mai AIP conference proceedings 2017 / art. 040015, p. 1-7 <https://doi.org/10.1063/1.4994495> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis

Kööts, Kristina; Pilt, Kristjan; Sepa, Madis; Pikta, Marika; Fridolin, Ivo; Meigas, Kalju; Viigimaa, Margus 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 https://doi.org/10.1007/978-3-030-64610-3_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Assessment of aviation security risk management for airline turnaround processes

Matulevičius, Raimundas; Norta, Alexander; Udokwu, Chibuzor; Nōukas, Rein Transactions on large-scale data- and knowledge-centered systems XXXVI : special issue on data and security engineering 2017 / p. 109-141 : ill https://doi.org/10.1007/978-3-662-56266-6_6 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of data acquisition system for forecasting temperature and solar irradiation

Zahraoui, Younes; Korōtko, Tarmo; Mekhilef, Saad; Alhamrouni, Ibrahim 2023 International Conference on Engineering Technology and Technopreneurship (ICE2T) 2024 / p. 408-413 <https://doi.org/10.1109/ICE2T58637.2023.10540516>

Assessment of downward draught in high-glazing facades in cold climates – experimental and CFD study into draught control with a 21-type radiator

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of durability of environmentally friendly wood-based panels

Kallavus, Urve; Järv, Hele; Kalamees, Targo; Kurik, Lembit Energy procedia 2017 / p. 207–212 : ill <https://doi.org/10.1016/j.egypro.2017.09.756> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of malicious tweets impact on stock market prices

Ishikawa, Tatsuki; Ben Sassi, Imen; Ben Yahia, Sadok Research Challenges in Information Science : 15th International

Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 330–346 https://doi.org/10.1007/978-3-030-75018-3_22 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of mixed energy storage system considering high spatial resolution data from a real PV installation
Rogowski, Szymon; Hasan, Sayeed; Chub, Andrii; Sibinski, Maciej 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737964> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of moisture and mould of hempcrete and straw panels
Raamets, Jane; Lokko, Laura; Ruus, Aime; Kalamees, Targo; Muoni, Karin Journal of physics : conference series 2021 / art. 012194, p. 1-3 <https://doi.org/10.1088/1742-6596/2069/1/012194> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Assessment of retrofit measures for industrial halls: energy efficiency and renovation budget estimation
Simson, Raimo; Fadejev, Jevgeni; Kurnitski, Jarek; Kesti, Jyrki; Lautso, Petteri Energy procedia 2016 / p. 124-133 : ill <https://doi.org/10.1016/j.egypro.2016.09.114> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of the eID ecosystem as a part of the state's critical infrastructure : the case of Estonia
Bejussova, Karolina; Lips, Silvia; Ahmed, Rozha Kamal; Draheim, Dirk Electronic Government and the Information Systems Perspective : 13th International Conference, EGOVIS 2024, Naples, Italy, August 26–28, 2024, Proceedings 2024 / p. 88 - 102 https://doi.org/10.1007/978-3-031-68211-7_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Assessment of the use of artificial intelligence to support public services : methodology and roadmap
Veenstra, Anne Fleur van; Bodea, Gabriela; Timan, Tjerk; Misuraca, Gianluca; Noordt, Colin Pascal van EGOV-CeDEM-ePart-* 2020 : Ongoing Research, Practitioners, Posters, Workshops, and Projects at EGOV-CeDEM-ePart 2020 2020 / p. 359 - 361 <https://ceur-ws.org/Vol-2797/paper37.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Association of Southeast Asian Nations (ASEAN)
Valuch, Josef; Hamulak, Ondrej International conflict and security law : a research handbook 2022 / p. 595-608 https://doi.org/10.1007/978-94-6265-515-7_27

Asymmetric Biginelli-like reaction catalyzed by chiral TADDOL-derived phosphoric acid bearing two hydroxyl groups
Guo, Jianxin; Zhang, Rui; Yin, Zhongyou; Hu, Xiaoyun; Borovkov, Victor The 23rd International Electronic Conference on Synthetic Organic Chemistry 15 nov 2019 - 15 dec 2019 2019 / 8 p. : ill <https://doi.org/10.3390/ecsoc-23-06647>

Azimuthing propulsion in ice management
Hänninen, Samuli; Kujala, Pentti Jouko Sakari; Määttänen, Pirjo; Heideman, Torsten; Korsström, Andrei; Viheriälehto, Sampo; Koponen, Jorma Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 / Vol. 6 2024 / art. OMAE2024-127102, V006T07A016 ; 10 pages <https://doi.org/10.1115/OMAE2024-127102> [Conference proceedings at Scopus](#) [Article at Scopus](#)

At-speed testing of inter-die connections of 3D-SICs in the presence of shore logic
Shibin, Konstantin; Chickermane, Vivek; Keller, Brion; Papameletis, Christos; Marinissen, Erik Jan 2015 Asian Test Symposium : ATS 2015 : 22-25 November 2015, Mumbai, Maharashtra, India : proceedings 2015 / p. 79-84 : ill <https://doi.org/10.1109/ATS.2015.21> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Attacker profiling in quantitative security assessment based on attack trees
Lenin, Aleksandr; Willemson, Jan; Sari, Dyan Permata Secure IT Systems : 19th Nordic Conference, NordSec 2014, Tromsø, Norway, October 15–17, 2014, Proceedings 2014 https://doi.org/10.1007/978-3-319-11599-3_12 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Attendance check of students via robot assistant in higher education classes
Budagov, Fuad; Leoste, Janika; Meeran, Mohammad Tariq; Robal, Tarmo; Leoste, Leo Benjamin Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 1 2025 / p. 305-316 https://doi.org/10.1007/978-3-031-85652-5_31

Attribute-based encryption for named data networking
Lenin, Aleksandr; Laud, Peeter ICN '21 : Proceedings of the 8th ACM Conference on Information-Centric Networking 2021 / p. 118–120 <https://doi.org/10.1145/3460417.3483371>

Augmented reality interface for industrial robot control and teleoperation
Ordile, Laura; Bondarenko, Yevhen; Pizzagalli, Simone Luca; Kuts, Vladimir; Otto, Tauno EuroXR 2021: Proceedings of the Virtual EuroXR Conference 2021 / p. 15-19 <https://sarjaweb.vtt.fi/pdf/technology/2021/T395.pdf> <https://doi.org/10.32040/2242-122X.2021.T395>

Ausblick : Quo vadis Ethohydraulik – welche Entwicklungen gibt es?
Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; Tuhtan, Jeffrey Andrew Ethohydraulik : Eine Methode für

Authentication using shared knowledge : learning agents

Kimlaychuk, Vadim Intelligent autonomous systems 12. Vol. 2, Proceedings of the 12th International Conference IAS-12, held June 26-29, 2012 : Jeju Island, Korea 2013 / p. 523-531 : ill https://doi.org/10.1007/978-3-642-33932-5_48 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Auto-generation of smart contracts from a domain-specific XML-based language

Dwivedi, Vimal Kumar; Norta, Alexander Intelligent Data Engineering and Analytics 2022 / p. 549-564 https://doi.org/10.1007/978-981-16-6624-7_54 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Automata and coalgebras in categories of Species

Loregian, Fosco Coalgebraic Methods in Computer Science : 17th IFIP WG 1.3 International Workshop, CMCS 2024, Colocated with ETAPS 2024, Luxembourg City, Luxembourg, April 6–7, 2024, Proceedings 2024 / p. 65-92 https://doi.org/10.1007/978-3-031-66438-0_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

An automated configuration framework for TSN networks

Houtan, Bahar; Bergström, Albert; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Mubeen, Saad 2021 22nd IEEE International Conference on Industrial Technology (ICIT) : proceedings 2021 / p. 771-778 <https://doi.org/10.1109/ICIT46573.2021.9453628>

Automated decision-making in Estonian public sector : innovation, regulation, and challenges about non-discrimination

Kerikmäe, Tanel; Joamets, Kristi; Metin, Ebru European digital regulation and its impact on member-states 2025

Automated training set size reduction for detection of small and thin objects

Pihlak, Rene; Riid, Andri 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 423-433 https://doi.org/10.1007/978-3-031-25344-7_39 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Automatic detection of real and imaginary parts of electrical impedance with single synchronous demodulation channel

Anus, Paul; Priidel, Eiko; Land, Raul; Metshein, Margus; Krivošei, Andrei; Min, Mart; Ratassepp, Madis; Märten, Olev 8th European Medical and Biological Engineering Conference : Proceedings of the EMBEC 2020, November 29 - December 3, 2020 Portorož, Slovenia 2021 / p. 151-157 https://doi.org/10.1007/978-3-030-64610-3_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Automatic distribution of local testers for testing distributed systems

Vain, Jüri; Halling, Evelin; Kanter, Gert; Anier, Aivo; Pal, Deepak Databases and information systems IX : selected papers from the twelfth International Baltic Conference, DB&IS 2016 2016 / p. 297-310 : ill <https://doi.org/10.3233/978-1-61499-714-6-297> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Automatic NLOS classification from virtual 3D city models

Müürsepp, Ivo; Alam, Muhammad Mahtab 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 190-195 <https://doi.org/10.1109/FMEC59375.2023.10306158>

Automatic position detection and transmitting activation of dynamic wireless power transfer system with air capacitor

Pakhaliuk, Bohdan; **Husev, Oleksandr; Shevchenko, Viktor**; Kroics, Kaspars; Stepins, Deniss; Strzelecki, Ryszard Wireless Power Week (WPW) : Proceedings 2022 / p. 487-491 <https://doi.org/10.1109/WPW54272.2022.9853972>

Automatic speech recognition system for Lithuanian broadcast audio

Alumäe, Tanel; Tiik, Ottokar Human Language Technologies - the Baltic Perspective : proceedings of the Seventh International Conference, Baltic HLT 2016 2016 / p. 39-45 : tab <https://doi.org/10.3233/978-1-61499-701-6-39> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Automatic visual traffic sign damage detection and measurement of damaged area

Ersü, Can; Janson, Karl; Petlenkov, Eduard; Reinsalu, Uljana 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 / p. 505-510 <https://doi.org/10.1109/ICARCV63323.2024.10821546>

Automating detection of occurrences of postgresQL database design problems

Eessaar, Erki Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 176-189 https://doi.org/10.1007/978-3-030-57672-1_14 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Automatization of cross-border customs declaration : potential and challenges : a case study of the Estonian customs authority

Liutkevičius, Markko; Pappel, Karl Ivory; Butt, Sidra Azmat; Pappel, Ingrid Electronic Government : 19th IFIP WG 8.5 International Conference, EGOV 2020, Linköping, Sweden, August 31 - September 2, 2020 : proceedings 2020 / p. 96-109 https://doi.org/10.1007/978-3-030-57599-1_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#)

Autonomous driving in the real-world : the weather challenge in the Sohjoa Baltic Project

Bellone, Mauro; Ismailogullari, Azat; **Müür, Jaanus**; Nissin, Oscar; **Sell, Raivo**; **Soe, Ralf-Martin** Towards connected and autonomous vehicle highways : technical, security and social challenges 2021 / p. 229–255 https://doi.org/10.1007/978-3-030-66042-0_9
[Article collection metrics at Scopus](#) [Article at Scopus](#)

Autonomous driving validation and verification using digital twins

Pikner, Heiko; **Malayjerdi, Mohsen**; **Bellone, Mauro**; **Baykara, Baris Cem**; **Sell, Raivo** Proceedings of the 10th International Conference on Vehicle Technology and Intelligent Transport Systems - VEHITS ; Vol. 1 2024 / p. 204-211
<https://doi.org/10.5220/0012546400003702> [Conference Proceeding at Scopus](#) [Article at Scopus](#)

Autonomous vehicle for industry 5.0 : Digital twin for system safety validation

Sell, Raivo; **Malayjerdi, Mohsen**; Malayjerdi, Ehsan; **Bellone, Mauro**; **Pikner, Heiko** Proceedings of the 11th International Conference on Vehicle Technology and Intelligent Transport Systems VEHITS ; Vol. 1 2025 / p. 660-667
<https://doi.org/10.5220/0013476600003941>

Autonomous vehicle shuttle in Smart City testbed

Sell, Raivo; **Soe, Ralf-Martin**; **Wang, Ruxin**; **Rassölkin, Anton** Intelligent System Solutions for Auto Mobility and Beyond : Advanced Microsystems for Automotive Applications 2020 2021 / p. 143–157 https://doi.org/10.1007/978-3-030-65871-7_11

AVB-aware routing and scheduling for critical traffic in time-sensitive networks with preemption

Berisa, Aldin; Zhao, Luxi; Craciunas, Silviu S.; Ashjaei, Mohammad; Mubeen, Saad; **Daneshtalab, Masoud**; Sjödin, Mikael RTNS '22: Proceedings of the 30th International Conference on Real-Time Networks and Systems 2022 / p. 207-218
<https://doi.org/10.1145/3534879.3534926>

Average residual stresses in hard Physical Vapor Deposited (PVD) coatings

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakub; **Mikli, Valdek**; **Adoberg, Eron**; **Vagiström, Heinar**; **Kübarsepp, Jakob**; **Peetsalu, Priidu** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 20-25 : ill <https://doi.org/10.4028/www.scientific.net/KEM.799.20>
<https://www.scientific.net/KEM.799.20> https://www.ester.ee/record=b5235278*est [Conference proceeding at Scopus](#) [Article at Scopus](#)

Axially asymmetric design for additive manufacturing of synchronous reluctance machines

Naseer, Muhammad Usman; **Kallaste, Ants**; **Asad, Bilal**; **Vaimann, Toomas**; **Rassölkin, Anton** 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 5 p <https://doi.org/10.1109/IEMDC55163.2023.10238995>

Axons' signals

Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Horizons in neuroscience research ; 49 2023 / p. 33-73
<https://novapublishers.com/shop/horizons-in-neuroscience-research-volume-49/>

Background leakage assessment for BBLAWN

Vassiljev, Anatoli; **Koppel, Tiit**; **Puust, Raido** Procedia engineering 2014 / p. 111-117 : ill
<https://doi.org/10.1016/j.proeng.2014.11.166> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Back-to-back energy router based on common-ground inverters

Azizi, Mohammadreza; **Rahimpour, Saeed**; **Husev, Oleksandr**; **Veligorskyi, Oleksandr** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / p. 1-6 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227480>

Basic design principles of nZEB buildings in scoping and conceptual design

Voll, Hendrik; Kosonen, Risto; **Kurnitski, Jarek** Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 103-134 : ill https://doi.org/10.1007/978-1-4471-5610-9_7 [Article collection metrics at Scopus](#)
[Article at Scopus](#)

Bbuzz : a Bit-aware fuzzing framework for network protocol systematic reverse engineering and analysis

Blumbergs, Bernhards; **Vaarandi, Risto** MILCOM 2017 - 2017 IEEE Military Communications Conference : Baltimore, Maryland, USA, 23-25 October 2017 2017 / p. 707-712 <https://doi.org/10.1109/MILCOM.2017.8170785> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Bearing fault analysis of BLDC motor intended for electric scooter application

Kudelina, Karolina; **Asad, Bilal**; **Vaimann, Toomas**; **Rassölkin, Anton**; **Kallaste, Ants** 2021 IEEE 13th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED) 2021 / p. 427-432
<https://doi.org/10.1109/SDEMPED51010.2021.9605519>

Behavior of wooden based insulations at high temperatures

Tiso, Mattia; **Just, Alar**; **Mäger, Katrin Nele** Energy procedia 2016 / p. 729-737 : ill <https://doi.org/10.1016/j.egypro.2016.09.135>

Beispiele aus der Praxis : Ethohydraulische Befunde - was bedeutet das?

Lehmann, Boris; Bensing, Katharina; Adam, Beate; Schwevers, Ulrich; **Tuhtan, Jeffrey Andrew** Ethohydraulik : Eine Methode für naturverträglichen Wasserbau 2021 / S. 23-43 https://doi.org/10.1007/978-3-658-32824-5_3

A benchmark of DC-DC converters for DC fast charging stations of electric vehicles

Mathew, Honey Mol; Arena, Gabriele; **Chub, Andrii**; De Carne, Giovanni; **Vinnikov, Dmitri**; Lukianov, Mykola 2024 9th IEEE Workshop on the Electronic Grid (eGRID) 2024 / 6 p <https://doi.org/10.1109/eGRID62045.2024.10842879>

Benchmarking the measured energy use of Nordic residential buildings and their Zero Energy-readiness

Ferrantelli, Andrea; **Thalfeldt, Martin**; **Kurnitski, Jarek** CLIMA 2022: the 14th REHVA HVAC World Congress, 22nd – 25th May in Rotterdam, The Netherlands 2022 / p. 1-8 <https://doi.org/10.34641/clima.2022.171>

Benchmarking 3D CFD for studies on turbulent flow around fish shaped bodies

Khan, Ali Hassan; Hussmann, Karla Ruiz; Powala, Dennis; Hoerner, Stefan; **Kruusmaa, Maarja**; **Tuhtan, Jeffrey Andrew** The 14th International Symposium on Ecohydraulics : proceedings 2022 / S3: Ecohydraulics on Micro-scale https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192523_72824.doc

Benchmarking advanced security closure of physical layouts

Eslami, Mohammad; Knechtel, Johann; Sinanoglu, Ozgur; Karri, Ramesh; **Pagliarini, Samuel Nascimento** ISPD '23 : proceedings of the 2023 International Symposium on Physical Design 2023 / p. 256-264 <https://doi.org/10.1145/3569052.3578924>
<https://dl.acm.org/doi/pdf/10.1145/3569052.3578924>

Bending and pull-out tests on a novel screw type reinforcement for extrusion-based 3D printed concrete

Hass, Lauri; Bos, Freek Second RILEM International Conference on Concrete and Digital Fabrication : Digital Concrete 2020 2020 / p. 632-645 : ill https://doi.org/10.1007/978-3-030-49916-7_64 [Journal metrics at Scopus Article at Scopus](#)

The beneficial effect of reusable food boxes on the green transition

Tähemaa, Toivo; **Sarkans, Martinš**; **Sarand, Inga**; **Pohlak, Meelis**; **Niidas, Alar** Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030012 <https://doi.org/10.1063/5.0189325> [Conference proceedings at Scopus Article at Scopus](#)

BERT and Word embedding for interest mining of Instagram users

Hamdi, Sana; Hamdi, Ahmed; **Ben Yahia, Sadok** Advances in Computational Collective Intelligence : 14th International Conference, ICCCI 2022, Hammamet, Tunisia, September 28-30, 2022, Proceedings 2022 / p. 123 - 136 https://doi.org/10.1007/978-3-031-16210-7_10 [Conference Proceedings at Scopus Article at Scopus Article at WOS](#)

Beta assertive graphs

Bellucci, Francesco; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 525-529 https://doi.org/10.1007/978-3-030-54249-8_49 [Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS](#)

Beyond algorithm aversion in human-machine decision-making

Burton, Jason W.; **Stein, Mari-Klara**; Jensen, Tina Blegind Judgment in predictive analytics 2023 / p. 3-26 https://doi.org/10.1007/978-3-031-30085-1_1

Beyond the Western paradigm : Confucian public administration

Drechsler, Wolfgang Public policy in the 'Asian Century' : concepts, cases and futures 2018 / p. 19-40 https://doi.org/10.1057/978-1-137-60252-7_2

BIAS : a regional management of underwater sound in the Baltic Sea

Sigray, Peter; Andersson, Mathias; Pajala, Jukka; **Laanearu, Janek**; **Klauson, Aleksander** The effects of noise on aquatic life II 2016 / p. 1015-1023 : ill https://doi.org/10.1007/978-1-4939-2981-8_126 [Article collection metrics at Scopus Article at Scopus Article collection metrics at WOS Article at WOS](#)

Bicategories of automata, automata in bicategories

Boccali, Guido; **Laretto, Andrea**; **Loregian, Fosco**; Luneia, Stefano 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 2023 / p. 1-19 <https://doi.org/10.4204/EPTCS.397.1> [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Bidirectional DC circuit breaker with improved performance during commissioning and reclosing

Pogulaguntla, Aditya; Raghavendra I, Venkata; Banavath, Satish Naik; **Chub, Andrii**; Sreekanth, Thamballa; Krishnamoorthy, Harish Sarma 24th European Conference on Power Electronics and Applications (EPE'22 ECCE Europe) 2022 / p. P1-P9 <https://ieeexplore.ieee.org/document/9907667>

Bidirectional solid-state DC circuit breaker for the protection of residential and Commercial DC buildings

Aditya, P.; Yagna, V.; Banoth, T.; **Chub, Andrii; Banavath, Satish Naik** 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 6 p <https://doi.org/10.1109/SPEC56436.2023.10407460>

Bidirectional SSCB for residential DC microgrids with reduced voltage and current stress during fault interruption

Aditya, P.; Banavath, Satish Naik; Lidozzi, Alessandro; **Chub, Andrii; Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227379>

Bidirectional wide voltage range series-parallel resonant buck-boost DC-DC converter

Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 5 p <https://doi.org/10.1109/PEMC61721.2024.10726369>

Bifunctional platinum-free mixed metal oxygen electrocatalysts based on naturally abundant peat

Teppor, Patrick; Jäger, Rutha; Härmas, Meelis; Aruväli, Jaan; **Volobujeva, Olga**; Koppel, Mirjam; Lust, Enn ECS Meeting Abstracts 2022 / p. 29-37 : ill <https://doi.org/10.1149/10807.0029ecst> [Journal metrics at Scopus](#) [Article at Scopus](#)

Big data analytics in association rule mining : a systematic literature review

Shahin, Mahtab; Arakkal Peious, Sijo; Sharma, Rahul; Kaushik, Minakshi; Ben Yahia, Sadok; Shah, Syed Attique; **Draheim, Dirk** BDET 2021: 2021 the 3rd International Conference on Big Data Engineering and Technology (BDET) : proceedings 2021 / p. 40-49 <https://doi.org/10.1145/3474944.3474951> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Bilateral output feedback control of fractional PDEs with space-dependent coefficients

Chen, Juan; Tepļakov, Aleksei; Petlenkov, Eduard; Zhuang, Bo IFAC-PapersOnLine 2020 / p. 3743 - 3748 <https://doi.org/10.1016/j.ifacol.2020.12.2555> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

BIM adoption processes : findings from a systematic literature review

Ullah, Kaleem; Witt, Emlyn David Qivitoq; Lill, Irene SDGs in Construction Economics and Organization : The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022 2023 / p. 223–236 https://doi.org/10.1007/978-3-031-25498-7_16 [Conference proceedings at Scopus](#) [Article at Scopus](#)

BIM for construction education in Nigeria

Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene SDGs in Construction Economics and Organization : The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022 2023 / p. 63–74 https://doi.org/10.1007/978-3-031-25498-7_5 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Bing-CF-IDF+ : a semantics-driven news recommender system

Brocken, Emma; Hartveld, Aron; Koning, Emma de; Hogenboom, Frederik; Frasinicar, Flavius; **Robal, Tarmo** Advanced Information Systems Engineering 31st International Conference, CAiSE 2019, Rome, Italy, June 3–7, 2019, Proceedings 2019 / p. 32-47 https://doi.org/10.1007/978-3-030-21290-2_3 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Bing-CSF-IDF+: a semantics-driven recommender system for news

Huijsduijnen, Lies Hooft van; Hoogmoed, Thom; Keulers, Geertje; Langendoen, Edmar; Langendoen, Sanne; Vos, Tim; Hogenboom, Frederik; Frasinicar, Flavius; **Robal, Tarmo** New trends in databases and information systems : ADBIS 2020 short papers, Lyon, France, August 25–27, 2020 : proceedings 2020 / p. 143–153 https://doi.org/10.1007/978-3-030-54623-6_13 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Biogeography of the Ordovician and Silurian stromatoporoidea

Nestor, Heldur; Webby, Barry Deane Early palaeozoic biogeography and palaeogeography 2013 / p. 67 - 79 <https://doi.org/10.1144/M38.7> <https://www.lyellcollection.org/doi/abs/10.1144/M38.7> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Bioinert ceramics scaffolds for bone tissue engineering by laser-based powder bed fusion : a preliminary review

Kamboj, Nikhil Kumar; Piili, H.; Ganvir, A.; Gopaluni, A.; Nayak, C.; Moritz, N.; Salminen, A. IOP conference series : materials science and engineering 2023 / art. 012022, 10 p. : ill <https://doi.org/10.1088/1757-899X/1296/1/012022>

Bipolar duty cycle control for dual side LCC compensated inductive power transfer system for wide output voltage range

Kishan, D.; **Chub, Andrii**; Vinod, Marupuru IECON Proceedings (Industrial Electronics Conference) IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2025 / 4 p <https://doi.org/10.1109/IECON55916.2024.10905524> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Black start and fault tolerant operation of isolated matrix converter for DC microgrids

Emiliani, Pietro; Blinov, Andrei; Chub, Andrii; de Carne, Giovanni; **Vinnikov, Dmitri** IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / 5 p <https://doi.org/10.1109/IECON49645.2022.9968735> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Black-box separations and their adaptability to the non-uniform model

Buldas, Ahto; Niitsoo, Margus Information security and privacy : 18th Australasian Conference, ACISP 2013, Brisbane, Australia, July 1-3, 2013 : proceedings 2013 / p. 152-167 https://doi.org/10.1007/978-3-642-39059-3_11 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

BLAIC 2022: 1stworkshop on blockchain and AI for community : chairs' welcome and workshop summary

Cheah, WaiShiang; Norta, Alex; **Ben Yahia, Sadok**; Hakiri, Akram; Sim, Yee Wai WebSci '22: Proceedings of the 14th ACM Web Science Conference 2022 2022 / p. 433 - 434 <https://doi.org/10.1145/3501247.3539019> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Blended antilock braking system control method for all-wheel drive electric sport utility vehicle

Aksjonov, Andrei; **Vodovozov, Valery**; Augsburg, Klaus; **Petlenkov, Eduard** Electrimacs 2019 : Selected Papers, Vol. 1 2020 / p. 229-241 https://doi.org/10.1007/978-3-030-37161-6_17 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Blinding laser weapons

Tsybulenko, Evhen International conflict and security law : a research handbook 2022 / p. 367-378 https://doi.org/10.1007/978-94-6265-515-7_16

Block library driven translation validation for dataflow models in safety critical systems

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc Critical Systems : Formal Methods and Automated Verification : Joint 21st International Workshop on Formal Methods for Industrial Critical Systems and 16th International Workshop on Automated Verification of Critical Systems, FMICS-AVoCS 2016, Pisa, Italy, September 26-28, 2016 : proceedings 2016 / p. 117-132 : ill https://doi.org/10.1007/978-3-319-45943-1_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Blockchain applications and cybersecurity threats : A review

Ntshangase, Lindani Handsome; **Bauk, Sanja** 2024 28th International Conference on Information Technology (IT) 2024 / 4 p <https://doi.org/10.1109/IT61232.2024.10475777>

Blockchain technology for enabling transparent and traceable government collaboration in public project processes of developing economies

Abodei, Ebizimoh; **Norta, Alexander**; Azogu, Irene; Udokwu, Chibuzor; **Draheim, Dirk** Digital Transformation for a Sustainable Society in the 21st Century 18th IFIP WG 6.11 : Conference on e-Business, e-Services, and e-Society, I3E 2019 Trondheim, Norway, September 18–20, 2019 : proceedings 2019 / p. 464–475 https://doi.org/10.1007/978-3-030-29374-1_38 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Blockchain technology on the way of autonomous vehicles development

Narbayev, Saltanat; Bakibayev, Timur; Abeshev, Kuanysh; Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton** Transportation research procedia 2020 / p. 168–175 <https://doi.org/10.1016/j.trpro.2020.02.024> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Blockchain technology: Intrinsic technological and socio-economic barriers: FDSE'2020 Keynote

Buldas, Ahto; **Draheim, Dirk**; Nagumo, Takehiko; **Vedešin, Anton** Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 7th International Conference, FDSE 2020, Quy Nhon, Vietnam, November 25–27, 2020 : proceedings 2020 / p. 3-27 https://doi.org/10.1007/978-3-030-63924-2_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A blockchain-assisted hash-based signature scheme

Buldas, Ahto; **Laanoja, Risto**; **Truu, Ahto** Secure IT Systems : 23rd Nordic Conference, NordSec 2018, Oslo, Norway, November 28–30, 2018 : proceedings 2018 / p. 138–153 : ill https://doi.org/10.1007/978-3-030-03638-6_9 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Blockchain-based solution for supply chain traceability: the case of SmartLog Project

Pilvik, Riivo; **Kõrbe Kaare, Kati**; **Koppel, Ott** 2021 9th International Conference on Traffic and Logistic Engineering (ICTLE) 2021 / p. 57-63 <https://doi.org/10.1109/ICTLE53360.2021.9525749>

The Blot

Pietarinen, Ahti-Veikko; Bellucci, Francesco; Bobrova, Angelina; **Haydon, Nathan Joseph**; Shafiei, Mohammad Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 225-238 : ill https://doi.org/10.1007/978-3-030-54249-8_18 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceedings at WOS](#)

BLT+L : efficient signatures from timestamping and endorsements

Firsov, Denis; **Lakk, Henri**; **Laur, Sven**; **Truu, Ahto** Proceedings of the 18th International Conference on Security and Cryptography - SECRIPT. Vol. 1 2021 / p. 75-86 <https://doi.org/10.5220/0010530000750086>

Body fat proportion estimation by the segmental bioelectrical impedance analysis of forearm

Metshein, Margus; Tuulik, Varje-Riin; Tuulik, Viuu; **Min, Mart**; Kumm, Monika; **Annus, Paul**; **Märtens, Olev** 2024 IEEE International

Body measurements extraction from 3D scanner data

Elbrecht, Pirjo; Henno, Jaak; Palm, Knut-Joosep Mechatronics and control engineering : selected, peer reviewed papers from the 2013 Asian Pacific Conference on Mechatronics and Control Engineering (APCMCE 2013), March 26-27, 2013, Hong Kong 2013 / p. 372-377 <https://doi.org/10.4028/www.scientific.net/AMM.339.372> [Article at Scopus](#)

Boolean automata and atoms of regular languages

Tamm, Hellis 46th International Symposium on Mathematical Foundations of Computer Science, MFCS 2021, August 23-27, 2021, Tallinn, Estonia : proceedings 2021 / art. 86, p. 86:1–86:13 <https://doi.org/10.4230/LIPIcs.MFCS.2021.86> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Boost half-bridge DC-DC converter with reconfigurable rectifier for ultra-wide input voltage range applications

Vinnikov, Dmitri; Chub, Andrii; Liivik, Elizaveta; Blaabjerg, Frede; Siwakoti, Yam P. 2018 IEEE Applied Power Electronics Conference and Exposition (APEC 2018), San Antonio, Texas, USA, 4-8 March 2018 2018 / p. 1528-1532 : ill <https://doi.org/10.1109/APEC.2018.8341219> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Border policies of empires during hegemonic peace from Pax Accadica to Pax Russica : the impact of 'compatriot' policies on the survival of empires

Sazonov, Vladimir; **Mölder, Holger** Minorities at the Edge of the Empires : proceedings of the Conference Held in Deva (1st-8th September 2019) 2023 / p. 7–41

Bounded pre-image awareness and the security of hash-tree keyless signatures

Buldas, Ahto; Laanoja, Risto; Laud, Peeter; Truu, Ahto Provable security : 8th International Conference, ProvSec 2014, Hong Kong, China, October 9-10, 2014 : proceedings 2014 / p. 130-145 : ill https://doi.org/10.1007/978-3-319-12475-9_10 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Breaking Barriers : Strategies for Achieving Equity in Academic Careers in ICT/Informatics/STEM

Silva, Paula Alexandra; Murphy, Brenda; Echiabi, Karima; Tuma, Katja; Diaz, Paloma; **Lorenz, Birgy;** Huisman, Marieke Actions for Gender Balance in Informatics Across Europe 2025 / p. 243-267 https://doi.org/10.1007/978-3-031-78432-3_11

Bribery as a form of corruption : The case of Estonia

Alver, Lehte; Alver, Jaan The Ethics of Bribery, Vol 2: Country Studies 2025 / p. 319-333 https://doi.org/10.1007/978-3-031-77200-9_19

Bringing innovation towards efficient policy-making in ICT-enabled service provision for senior citizens

Liutkevicius, Merilin; Gelashvili, Teona; Pappel, Ingrid Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2021), 6 - 8 October 2021, Athens, Greece 2022 / p. 97-103
<https://doi.org/10.1145/3494193.3494207> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Bringing service design thinking into the public sector to create proactive and user-friendly public services

Sirendi, Regina; Taveter, Kuldar HCI in Business, Government, and Organizations : Information Systems : third International Conference, HCIBGO 2016 held as part of HCI International 2016, Toronto, Canada, July 17-22, 2016 : proceedings. Part II 2016 / p. 221-230 : ill https://doi.org/10.1007/978-3-319-39399-5_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Broken rotor bar fault detection using machine learning: Optimal frequency resolution

Koveshnikov, Semen; Bouharrouti, Nada El; **Kudelina, Karolina; Naseer, Muhammad Usman; Vaimann, Toomas;** Belahcen, Anouar 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700228>

The BSUIN project

Jędrzejczak, Karol; Dębicki, Zdzisław; Kasztelan, M.; Marszał, Włodzimierz; Orzechowski, Jerzy; Przybylak, Marika; Tokarski, Przemysław; Jalas, Panu; Isoherranen, Ville; **Karu, Veiko; Paat, Andrus** 36th International Cosmic Ray Conference (ICRC2019) - DM - Dark Matter 2021 / art. 523 <https://pos.sissa.it/358/523/> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Buck-boost resonant Z-source parital power converter

Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri 3rd International Conference on Smart Grid and Renewable Energy (SGRE) 2022 / p. 1-6 <https://doi.org/10.1109/SGRE53517.2022.9774095>

Building an ontology for cyber defence exercises

Babayeva, Gulkhara; Maennel, Kaie; Maennel, Olaf Manuel IEEE European Symposium on Security and Privacy Workshops (EuroS&PW) 2022 / p. 423-432 <https://doi.org/10.1109/EuroSPW55150.2022.00050>

Building ceramics with an addition of pulverized combustion fly ash from the thermal power plant Nováky

Hulan, Tomaš; Medved, Igor; Trník, Anton; Štubna, Igor; **Kaljuvee, Tiit** AIP conference proceedings 2016 / p. 040009-1 - 040009-7 :

ill <https://doi.org/10.1063/1.4955240> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Building cyber resilience : the defensive shield for the EU

Osula, Anna-Maria Cybersecurity policy in the EU and South Korea from consultation to action : theoretical and comparative perspectives 2022 / p. 179-196 https://doi.org/10.1007/978-3-031-08384-6_9

Building design collaboration : what, why, and how

Pikas, Ergo; Koskela, Lauri Jaakko; Gomes, Danilo Routledge Handbook of Collaboration in Construction 2024 / p. 61-72 <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003379553-8/building-design-collaboration-ergo-pikas-lauri-koskela-danilo-gomes>

Building Europe in a Time of Deconstruction and Destruction

Ramiro Troitino, David; Perez Sanchez, Guillermo A.; Martin de la Guardia, Ricardo; **Kerikmäe, Tanel** International Society and Europeanism : The Countries of Eastern Europe 2025 / p. 1-7 https://doi.org/10.1007/978-3-031-66077-1_1

Building performance indicators and IEQ assessment procedure for the next generation of EPC-s

Võsa, Karl-Villem; Ferrantelli, Andrea; Tzanev, Dragomir; Simeonov, Kamen; Carnero, Pablo; Espigares, Carlos; Navarro Escudero, Miriam; Quiles, Pedro Vicente; Andrieu, Thibault; Battezzati, Florian; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 13003, 9 p <https://doi.org/10.1051/e3sconf/202124613003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Building resilience : pillars of workforce agility at organizational and individual levels in SMEs

Reinhold, Karin Small and medium-sized enterprise (SME) resilience : strategies for risk and crisis management 2024 / p. 231-247 https://doi.org/10.1007/978-3-031-50836-3_11

Building smart city governance competencies : the CAP4CITY training modules

Temple, Lucy; Pereira, Gabriela Viale; **Schuch de Azambuja, Luiza** Ongoing Research, Practitioners, Posters, Workshops, and Projects of the International Conference EGOV-CeDEM-ePart 2022 2022 / code 193901 <https://ceur-ws.org/Vol-3399/paper26.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Building state capacities and dynamic capabilities to drive social and economic development : the case of South Africa

Mazzucato, Mariana; Qobo, Mzukisi; **Kattel, Rainer** The future of the South African political economy post-COVID 19 2022 / p. 43-74 https://doi.org/10.1007/978-3-031-10576-0_3

Building understanding of municipal operations centers as smart city' initiatives : insights from a cross-case analysis

Pereira, Gabriela Viale; Testa, Mauricio Gregianin; Macadar, Marie Anne; Parycek, Peter; **Schuch de Azambuja, Luiza** EGOSE '16 : proceedings of the International Conference on Electronic Governance and Open Society : Challenges in Eurasia 2016 / p. 19–30 <https://doi.org/10.1145/3014087.3014110>

Business archetypes and archetype patterns from the HL7 RIM and openEHR RM perspectives : towards interoperability and evolution of healthcare models and software systems

Piho, Gunnar; Tepandi, Jaak; Thompson, Douglas; Woerner, Andreas; Parman, Marko Procedia computer science 2015 / p. 553-560 : ill <https://doi.org/10.1016/j.procs.2015.08.384> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business domain modelling with business archetypes and archetype patterns

Piho, Gunnar; Tepandi, Jaak Information Modelling and Knowledge Bases XXIV 2013 / p. 221-240 <https://doi.org/10.3233/978-1-61499-177-9-221> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business intelligence and analytics: On-demand ETL over document stores

Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok;** Si-Said Cherfi, Samira Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 556-561 https://doi.org/10.1007/978-3-030-50316-1_38 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business model archetypes. A systematic literature review

Madsen, Rita; Lindgren, Peter; **Durst, Susanne** 2022 25th International Symposium on Wireless Personal Multimedia Communications (WPMC) 2022 / p. 128-133 <https://doi.org/10.1109/WPMC55625.2022.10014802>

Business models for the circular economy : a European perspective : aim of the book and overview of the different chapters

Prokop, Viktor; Stejskal, Jan; Horbach, Jens; **Gerstlberger, Wolfgang Dieter** Business Models for the Circular Economy : a European Perspective 2022 / p. 1-9 https://doi.org/10.1007/978-3-031-08313-6_1

Business programme dropout causes and the ceiling of retention

Lember, Elo; Niine, Tarvo; Küttim, Merle Eighth International Conference on Higher Education Advances 2022 / p. 1279-1286 <http://ocs.editorial.upv.es/index.php/HEAD/HEAD22/paper/view/14436> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Business satisfaction with e-government services in Baltic Sea region

Kindel, Kristiina; Ritso, Valter; Venesaar, Urve Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 217-230 : ill <https://doi.org/10.3233/978-1-61499-458-9-217> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CAC 2.0 : a corrupt and correct logic locking technique resilient to structural analysis attacks

Aksoy, Levent; Yasin, Muhammad; **Pagliarini, Samuel Nascimento** 2024 IEEE 25th Latin American Test Symposium (LATS) : 9-12 April 2024 (2024) 2024 <https://doi.org/10.1109/LATS62223.2024.10534592> [Article at Scopus](#)

CACS: A cloud privacy-preserving attribute management system

Kalu, Aivo; Kus, Burak Can; Laud, Peeter; Leung, Kin Long; **Snetkov, Nikita; Vakarjuk, Jelizaveta** Proceedings of the 18th International Conference on Availability, Reliability and Security (ARES), Benevento Italy, 29 August 2023 - 1 September, 2023 2023 / art. 122, p. 1-9 <https://doi.org/10.1145/3600160.3605022>

Calcium extraction from Estonian industrial wastes based on ammonium solvents

Tamm, Kadriann; Viies, Regiina; Kuusik, Rein, keemik; Uibu, Mai Energy and sustainability VII 2018 / p. 465-476 : ill <https://doi.org/10.2495/ESUS170431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Calculation and compliance procedures of thermal bridges in energy calculations in various European countries

Kuusk, Kalle; Kurnitski, Jarek; Kalamees, Targo Energy procedia 2017 / p. 27-32 : ill <https://doi.org/10.1016/j.egypro.2017.09.626> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Calculational proofs in relational graphical linear algebra

Paixao, Joao; **Sobocinski, Pawel Maria** Formal Methods: Foundations and Applications : 23rd Brazilian Symposium, SBMF 2020, Ouro Preto, Brazil, November 25-27, 2020 : proceedings 2020 / p. 83-100 https://doi.org/10.1007/978-3-030-63882-5_6 [Conference proceedings at Scopus](#) [Article at Scopus](#)

CALL-technolgy based approach to control acquisition of foreign language skills

Nymm, Voldemar; Piotrowska, Xenia; **Nömm, Sven;** Ronzhin, Andrey Proceedings of the III International Conference on Language Engineering and Applied Linguistics (PRLEAL-2019), Saint Petersburg, Russia, November 27, 2019 2020 / art. 157532, p. 200-210 <http://ceur-ws.org/Vol-2552/Paper16.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Calm-water performance of a boat with two swept steps at high-speeds: Laboratory measurements and mathematical modeling

Niazmand Bilandi, Rasul; Vitiello, Luigi; Mancini, Simone; Nappo, Vincenzo; Roshan, Fatemeh; Tavakoli, Sasan; **Dashtimanesh, Abbas** Procedia manufacturing 2020 / p. 467-474 : ill <https://doi.org/10.1016/j.promfg.2020.02.046>

Camera-LIDAR fusion based object segmentation in adverse weather conditions for autonomous driving

Gu, Junyi; Bellone, Mauro; Lind, Artjom 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 <https://doi.org/10.1109/BEC61458.2024.10737955> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Can I have a Mooc2Go, please? On the viability of mobile vs. stationary learning

Zhao, Yue; **Robal, Tarmo;** Lofi, Christoph; Hauff, Claudia Lifelong Technology-Enhanced Learning : 13th European Conference on Technology Enhanced Learning : EC-TEL 2018, Leeds, UK, September 3-5, 2018 : proceedings 2018 / p. 101-115 : ill https://doi.org/10.1007/978-3-319-98572-5_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Can K-12 students learn how to program with just two hours?

Umbleja, Kadri Learning Technology for Education in Cloud : The Changing Face of Education : 5th International Workshop, LTEC 2016, Hagen, Germany, July 25-28, 2016 : proceedings 2016 / p. 250-264 : ill https://doi.org/10.1007/978-3-319-42147-6_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Can removal of middle molecular uremic retention solutes be estimated by UV-absorbance measurements in spent dialysate?

Lauri, Kai; Luman, Merike; Holmar, Jana; Tomson, Ruth; Kalle, Sigrid; Arund, Jürgen; Uhlin, Nils Fredrik Arne; Fridolin, Ivo World Congress on Medical Physics and Biomedical Engineering, June 7-12, 2015, Toronto, Canada 2015 / p. 1297 - 1300 https://doi.org/10.1007/978-3-319-19387-8_315 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Can we make teaching great again?

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2024 47th ICT and Electronics Convention (MIPRO) : May 20-24, 2024, Opatija, Croatia : proceedings 2024 / p. 566 - 570 <https://doi.org/10.1109/MIPRO60963.2024.10569792> [Article at Scopus](#)

A canonical algebra of open transition systems

Di Lavore, Elena; **Gianola, Alessandro; Roman Garcia, Mario;** Sabadini, Nicoletta; **Sobocinski, Pawel Maria** Formal aspects of component software : 17th International Conference, FACS 2021, Virtual Event, October 28-29, 2021 : proceedings 2021 / p. 63-81 https://doi.org/10.1007/978-3-030-90636-8_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Canonical gradings of monads

Breuvart, Flavien; McDermott, Dylan; **Uustalu, Tarmo** Proceedings of the 5th Annual International Applied Category Theory Conference (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 1-21 <https://doi.org/10.4204/eptcs.380.1>
https://msp.cis.strath.ac.uk/act2022/papers/ACT2022_paper_4328.pdf Conference proceedings at Scopus Article at Scopus Article at WOS

CAP waveform estimation from the measured electrical bioimpedance values : patient's heart rate variability analysis

Krivošei, Andrei; Uuetoa, Hasso; Min, Mart; Annus, Paul; Uuetoa, Tiina; Lamp, Jürgen Conference proceedings : 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : Milan, Italy, August 25-29 2015 2015 / p. 2788-2791 : ill <https://doi.org/10.1109/EMBC.2015.7318970> Conference Proceedings at Scopus Article at Scopus Article at WOS

Capacitive vs Inductive Coupling Based DC-DC Converter Operating in MHz Switching Frequency Range

Pourjafar, Saeed; Mohseni, Parham; Husev, Oleksandr; Strezelecki, Ryszard; Matushkin, Oleksandr 2025 IEEE Applied Power Electronics Conference and Exposition (APEC) 2025 / p. 2173-2178 <https://doi.org/10.1109/APEC48143.2025.10977156>

Capacitor coupled voltage transformer defect identification in the presence of tap changer

Asefi, Sajjad; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 5 p <https://doi.org/10.1109/isgteurope56780.2023.10408138>

Capacitor coupled voltage transformer inaccuracy effect on circuit breaker operation

Asefi, Sajjad; Andreesen, Guido; Kilter, Jako; Landsberg, Mart 2023 23rd International Scientific Conference on Electric Power Engineering (EPE) 2023 / 5 p <https://doi.org/10.1109/EPE58302.2023.10149279>

Capacity building in government : towards developing a standard for a functional specialist in AI for public services

Labanava, Alena; Dreyling III, Richard Michael; Mortati, Marzia; Liiv, Innar; Pappel, Ingrid Future Data and Security Engineering : Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 9th International Conference, FDSE 2022, Ho Chi Minh City, Vietnam, November 23-25, 2022 : proceedings 2022 / p. 503-516 https://doi.org/10.1007/978-981-19-8069-5_34 Conference proceedings at Scopus Article at Scopus Article at WOS

Capillary condensation experiment for inverse modelling of porous building materials

Hirsch, Hauke; Heyn, Rüdiger; Klõšeiko, Paul E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017217003> Conference proceedings at Scopus Article at Scopus Article at WOS

Capillary condensation redistribution (CCR) test: measurement results of 5 materials and comparison to modelling

Klõšeiko, Paul; Valk, Thorny; Põldaru, Mattias; Kalamees, Targo Journal of Physics: Conference Series 2023 / 8 p <https://doi.org/10.1088/1742-6596/2654/1/012047> Conference proceedings at Scopus Article at Scopus

CapsNet on embedded devices in a data scarce scenario

Ezechukwu, Dismas Ndubuis; Le Moullec, Yannick 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l. <https://doi.org/10.1109/BEC56180.2022.9935600>

Carbon aerogel platinum-praseodymium oxide nanocatalyst for methanol oxidation in 0.5 M sulfuric acid : (digital presentation)

Prits, Alise-Valentine; Nerut, Jaak; Kasuk, Heili; Koel, Mihkel; Sepp, Silver; Valk, Peeter; Aruväli, Jaan; Koppel, Miriam; Mikli, Valdek; Volobujeva, Olga; Lust, Enn ECS transactions 2022 / art. 79 <https://doi.org/10.1149/10807.0079ecst> Journal metrics at Scopus Article at Scopus

Carbon capture and fixation using lime-containing wastes : the influence of aqueous phase composition on Ca dissolution from oil shale ash

Uibu, Mai; Kuusik, Rein; keemik Energy procedia 2013 / p. 5913-5920 : ill <https://doi.org/10.1016/j.egypro.2013.06.517> Conference Proceedings at Scopus Article at Scopus Article at WOS

Carbon dioxide emission factors for oxy-fuel CFBC and aqueous carbonation of the Ca-rich oil shale ash

Loo, Lauri; Maaten, Birgit; Konist, Alar; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu Energy procedia 2017 / p. 144-149 : ill <https://doi.org/10.1016/j.egypro.2017.09.034> Conference proceedings at Scopus Article at Scopus Article at WOS

Carbon emissions of construction operations in a cold climate

Pikas, Ergo; Lõhmus, Rauno; Koskela, Lauri Jaakko; Tetik, Müge; Vendel, Kädi-Riin Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

Carbon neutral Baltic Sea region by 2050 : myth or reality?

Šogenova, Alla; Nordbäck, Nicklas; Sopher, Daniel; Šogenov, Kazbulat; Ivask, Jüri Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://doi.org/10.2139/ssrn.3817722>
<https://ssrn.com/abstract=3817722>

Carroll diagrams : design and manipulation

Moktefi, Amirouche Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 32-35 : ill https://doi.org/10.1007/978-3-319-91376-6_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

A case for modern build automation for intelligent systems

Grunewald, Alexander; Lange, Moritz; Tran, Kim Chi; **Astrova, Irina** Intelligent Systems and Applications : proceedings of the 2022 Intelligent Systems Conference (IntelliSys). Volume 1 2023 / p. 789-799 https://doi.org/10.1007/978-3-031-16072-1_56 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Case study : Free public transport as instrument for energy savings and urban sustainable development - the case of the city of Tallinn

Prause, Gunnar Klaus; Tuisk, Tarmo Energy transformation towards sustainability 2020 / p. 163-177 <https://doi.org/10.1016/B978-0-12-817688-7.00008-2>

Case study in experiential learning - from chaos to order: sensemaking with the interactive timeline tool in architecture and civil engineering studies

Nutt, Nele; Salmistu, Sirle; Meitl, Cassi; Karu, Katrin Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 1300-1311 https://doi.org/10.1007/978-3-030-68198-2_8 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Case study of outdoor digital screens effect on drivers

Parker, Martin; Rosin, Argo; Antov, Dago; Varjas, Toivo; Möller, Taavi; Gorislavskaja, Inna 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon) 2024 / 7 p <https://doi.org/10.1109/RTUCon62997.2024.10830768>

A case study of printed circuit boards recycling by disintegrator technology

Klauson, Artur; Goljandin, Dmitri; Kulu, Priit; Antonov, Maksim; Gustafsson, Göran; Davoodi, Ali Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040014 <https://doi.org/10.1063/5.0189208> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Case study of supplementary PMSM for low-speed wind turbine

Poliakov, Nikolai; Vorobev, Konstantin; **Demidova, Galina; Rassõlkin, Anton;** Ramensky, Dmitry 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462253>

A Case Study on Data Protection for a Cloud- and AI-based Homecare Medical Device

Bende, Philipp; **Vovk, Olga;** Caraveo, David; Pechmann, Ludwig; Leucker, Martin HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / p. 1-13 https://ceur-ws.org/Vol-3264/HEDA22_paper_3.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

A case study on data protection for a cloud- and AI-based homecare medical device

Bende, Philipp; **Vovk, Olga;** Caraveo, David; Pechmann, Ludwig; Leucker, Martin Transactions on Petri Nets and Other Models of Concurrency XVII 2024 / p. 138 - 161 https://doi.org/10.1007/978-3-662-68191-6_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Case study: Collaborative learning in higher education - Insights from the Big 5 Personality Traits (OCEAN Model) and problem-based learning

Raamets, Jane Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 1 2025 / p. 104-109 https://doi.org/10.1007/978-3-031-85652-5_11

Catching lexemes. The case of Estonian noun-based ambiforms

Paulsen, Geda; Vainik, Ene; **Lohk, Ahti; Tuulik, Maria** Electronic lexicography in the 21st century : post-editing lexicography : proceedings of the eLex 2021 conference : virtual, 5–7 July 2021 2021 / p. 288-311 : ill <https://elex.link/elex2021/proceedings-download/>

A Categorical semantics for bounded Petri Nets

Genovese, Fabrizio; **Loregian, Fosco;** Palombi, Daniele Proceedings of the 4th Annual International Applied Category Theory Conference 2021 [ACT 2021] : Cambridge, United Kingdom, 12-16 July 2021 2021 / 15 p <https://doi.org/10.48550/arXiv.2101.09100> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Categorical semantics for functional reactive programming with temporal recursion and corecursion

Jeltsch, Wolfgang Proceedings of the 5th Workshop on Mathematically Structured Functional Programming (MSFP 2014) : Grenoble, France, 12 April 2014 2014 / p. 127-142 : ill <https://doi.org/10.4204/EPTCS.153.9> [Conference proceedings at Scopus](#) [Article at Scopus](#)

A categorical semantics for hierarchical Petri Nets

Genovese, Fabrizio; Herold, Jelle; **Loregian, Fosco;** Palombi, Daniele Proceedings Twelfth International Workshop on Graph

Computational Models, Online, 22nd June 2021 / p. 51–68 <https://doi.org/10.48550/arXiv.2102.00096> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CCD IK implementatsion in unity for finding the angles of industrial robots' links

Nutonen, Karle; Kuts, Vladimir; Otto, Tauno ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE) ; vol. 2 2024 / art. IMECE2024-142320, V002T03A072 ; 5 p. <https://doi.org/10.1115/IMECE2024-142320>

CCS Directive transposition into national laws in Europe: Progress and problems by the end of 2011

Šogenova, Alla; Piessens, Kris; Ivask, Jüri; **Šogenov, Kazbulat**; Martínez, Robertor; Flomes, Kristin M.; Poulsen, Niels E.; Wójcicki, Adam; Šliaupa, Saulius; Kucharič, Ludovit; Dudu, Alexandra; Persoglia, Sergio; Holloway, Sam; Saftic, Bruno GHGT-11 Proceedings of the 11th International Conference on Greenhouse Gas Control Technologies, 18-22 November 2012, Kyoto, Japan 2013 / p. 7723 - 7731 <https://doi.org/10.1016/j.egypro.2013.06.718> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cell Migration in Microfluidic Devices : Invadosomes Formation in Confined Environments

Chi, Pei-Yin; **Spuul, Pirjo**; Tseng, Fan-Gang Cell migrations : causes and functions 2019 / p. 79-103 https://doi.org/10.1007/978-3-030-17593-1_6 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Certified Foata normalization for generalized traces

Maarand, Hendrik; Uustalu, Tarmo NASA Formal Methods Symposium : 10th International Symposium, NFM 2018, Newport News, VA, USA, April 17-19, 2018 : proceedings 2018 / p. 299-314 https://doi.org/10.1007/978-3-319-77935-5_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Certified parsing of regular languages

Firsov, Denis; Uustalu, Tarmo Certified Programs and Proofs : Third International Conference, CPP 2013, Melbourne, VIC, Australia, December 11-13, 2013, Proceedings 2013 / p. 98 - 113 https://doi.org/10.1007/978-3-319-03545-1_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

The challenge of protecting space-based assets against cyber threats

Carlo, Antonio; Lacroix, Lisa; Zarkan Cesari, Laetitia IAC 2020 congress proceedings 2020 / art. 59386 <https://dl.jafastro.directory/event/IAC-2020/paper/59386/>

Challenges and implications of the WHO's digital cross-border COVID-19 vaccine passport recognition pilot

Jackson, Eric Blake; Dreyling III, Richard Michael; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 88-94 <https://doi.org/10.1109/ICEDEG52154.2021.9530954>

Challenges in implementing digital assistive technology in municipal healthcare

Svensson, Ann; Bergkvist, Linda; Bäckman, Charlotte; **Durst, Susanne** Management and information technology after digital transformation 2021 / p. 81-90 <https://doi.org/10.4324/9781003111245-10>

Challenges in the digital transformation of courts : a case study from the Kurdistan region of Iraq

Ahmed, Rozha Kamal; Draheim, Dirk; Pappel, Ingrid; Muhammed, Khder H. 2020 Seventh International Conference on eDemocracy & eGovernment (ICEDEG), Buenos Aires, Argentina, April 22–24, 2020 : proceedings 2020 / p. 74-79 <https://doi.org/10.1109/ICEDEG48599.2020.9096801>

Challenges of reliability assessment and enhancement in autonomous systems

Jenihhin, Maksim; Sonza Reorda, Matteo; **Balakrishnan, Aneesh**; Alexandrescu, Dan 2019 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT 2019) 2019 / 6 p <https://doi.org/10.1109/DFT.2019.8875379>

Challenges of smart grids implementation

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 1-15 https://doi.org/10.1007/978-981-15-4627-3_1 [Journal metrics at Scopus](#) [Article at Scopus](#)

Challenges of teaching programming in StackOverflow era

Pöial, Jaanus Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 703-710 https://doi.org/10.1007/978-3-030-68198-2_65 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Challenges, benefits, and open questions in data-driven commercial building cooling optimization

Sukhanov, Ivan; Volkova, Anna; Köse, Ahmet; Hani, Allan; **Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 06003 <https://doi.org/10.1051/e3sconf/202456206003> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Challenging diffusion of digital receipts

Soe, Ralf-Martin 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 110–117 <https://doi.org/10.1109/ICEDEG52154.2021.9530887>

Change in the parameters of electron-irradiated 4H-SiC Schottky diodes as a function of the time during low-temperature

isothermal annealing

Korolkov, Oleg; Kozlovski, Vitali V.; Lebedev, Alexander A.; **Toompuu, Jana; Sleptsuk, Natalja; Rang, Toomas** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 734-737 <https://doi.org/10.4028/www.scientific.net/MSF.963.734> [Conference proceeding at Scopus](#) [Article at Scopus](#)

ChangeMakers – promoting engineering through developing the soft skills of youngsters

Annus, Ivar; Kaur, Katrin Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 3 2025 / p. 184-194 https://doi.org/10.1007/978-3-031-83523-0_17

Changes in EEG measures of a recipient of the mRNA COVID-19 vaccine - a case study

Uudeberg, Tuuli; Hinrikus, Hiie; Päeske, Laura; Lass, Jaanus; Bachmann, Maie 2022 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) 2022 / p. 3702-3705 <https://doi.org/10.1109/EMBC48229.2022.9871524> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Changes in surface morphology, deflection and wear of microcrystalline diamond film observed during sliding tests against Si₃N₄ balls

Bogatov, Andrei; Traksmaa, Rainer; Podgurski, Vitali Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 145-151 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.145> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Changing perspectives on international aid in Nepal since the 2015 earthquakes

Shakya, Shobhit Epicentre to aftermath: Rebuilding and remembering in the wake of Nepal's earthquakes 2021 / p. 203-225 <https://doi.org/10.1017/9781108991636.009>

Channel characterization at 2.4 GHz for aerial base station

Sharma, Navuday; Magarini, Maurizio; Reggiani, Luca; **Alam, Muhammad Mahtab** Procedia computer science 2019 / p. 1092-1099 <https://doi.org/10.1016/j.procs.2019.04.155> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Channel performance estimations with extended channel probing

Kaeval, Kaida; Griesser, Helmut; Grobe, Klaus; Elbers, Jörg-Peter; Tikas, Marko; **Jervan, Gert** Photonic Networks : 21th ITG-Symposium : 24-25 November 2020 : online 2020 / p. 60-64 <http://d-nb.info/1223037061> <https://ieeexplore.ieee.org/document/9273755>

Characteristic properties of different vessel wake signals

Didenkulova, Irina; Sheremet, Alex; **Torsvik, Tomas; Soomere, Tarmo** Journal of coastal research 2013 / p. 213-218 : ill <https://doi.org/10.2112/SI65-037> <https://bioone.org/journals/journal-of-coastal-research/volume-65/issue-sp1/SI65-037.1/Characteristic-properties-of-different-vessel-wake-signals/10.2112/SI65-037.1.short> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Characteristic pulse pattern features of different types of partial discharge sources in power cables

Kiitam, Ivar; Shafiq, Muhammad; Taklaja, Paul; Parker, Martin; Palu, Ivo; Kütt, Lauri IEEE Power Engineering Society Conference and Exposition in Africa, PowerAfrica, IEEE PES/IAS PowerAfrica, Nairobi, Keenia, 23-27 Aug 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/PowerAfrica52236.2021.9543366>

Characteristics of learning outcomes for integrating work-based learning into the business information technology study program

Murtazin, Kristina; Shvets, Oleg; Meeter, Martijn; Piho, Gunnar 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO), 23-27 May 2022, Opatija, Croatia : proceedings 2022 / p. 1307-1312 <https://doi.org/10.23919/MIPRO55190.2022.9803677>

Characterization and enhancement of oil shale fly ash from CFB boiler

Pikkor, Heliis; Järvik, Oliver; Lees, Heidi; Konist, Alar; Siirde, Andres; Maaten, Birgit 6th International Conference on Smart and Sustainable Technologies, SpliTech 2021 2021 / p. 1-4 <https://doi.org/10.23919/SpliTech52315.2021.9566470>

A Characterization of Amenable Groups by Besicovitch Pseudodistances

Capobianco, Silvio; Guillon, Pierre Cellular Automata and Discrete Complex Systems : 26th IFIP WG 1.5 International Workshop, AUTOMATA 2020, Stockholm, Sweden, August 10–12, 2020 : proceedings 2020 / p. 99-110 https://doi.org/10.1007/978-3-030-61588-8_8 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Characterization of high-frequency impedance-based models for transient terminal overvoltage estimation in cable-fed motor drive systems

Sardar, Muhammad Usman; Vaimann, Toomas; Kütt, Lauri; Asad, Bilal; Kallaste, Ants; Kudelina, Karolina 2024 International Conference on Electrical Machines (ICEM) 2024 / 7 p <https://doi.org/10.1109/ICEM60801.2024.10700495>

Characterization of the applied materials for floating offshore wind turbine members: A review on the current state

Wijaya, Muhammad Rizky Arga; Adiputra, Ristiyanto; Aditya Rio, Prabowo; **Putranto, Teguh**; Smaradhana, Dharu Feby Procedia Structural Integrity, vol 37 2023 / p. 41-49 : ill <https://doi.org/10.1016/j.prostr.2023.07.108> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Charles-Irene Castel, abbe de Saint-Pierre : the role of religion in the European integration

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 17-27 https://doi.org/10.1007/978-3-030-96662-1_3

Charting a Course for Sustainable Port Operations : Insights on Green Ammonia Production and Bunkering

Hrenov, Georgi; Reinhold, Karin; Järvis, Marina; Prause, Gunnar Klaus Reliability and Statistics in Transportation and Communication : Human Sustainability and Resilience in the Digital Age : Selected Papers from the 24th International Multidisciplinary Conference on Reliability and Statistics in Transportation and Communication, RelStat-2024, Riga, Latvia, September 25-28, 2024 2025 / p. 339-412 https://link.springer.com/chapter/10.1007/978-3-031-87532-8_35 https://doi.org/10.1007/978-3-031-87532-8_35

Chemical analysis of dumped chemical warfare agents during the MODUM project

Söderström, Martin; Östin, Anders; **Vaher, Merike; Jõul, Piia; Lees, Heidi; Kaljurand, Mihkel** Towards the monitoring of dumped munitions threat (MODUM) : a study of chemical munitions dumpsites in the Baltic Sea 2018 / p. 71-103 https://doi.org/10.1007/978-94-024-1153-9_4 [Article collections at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Chirogenesis in asymmetric synthesis and catalysis

Kananovich, Dzmitry; Lopp, Margus Chirogenesis in Chemical Science 2023 / p. 169-240 : ill https://doi.org/10.1142/9789811259227_0004 https://www.ester.ee/record=b5748359*est

Chirogenesis in supramolecular systems

Ustrnul, Lukas; Borovkov, Victor; Aav, Riina Chirogenesis in Chemical Science 2023 / p. 69-123 : ill https://doi.org/10.1142/9789811259227_0002 https://www.ester.ee/record=b5748359*est

Circular economy business model challenges in entrepreneurial realities

Vyas, Radha; **Hammoda, Basel Osama Sayed Ahmed** Contemporary entrepreneurship : global perspectives and cases 2024 / p. 110-118 <https://doi.org/10.4324/9781003371403-15> https://www.ester.ee/record=b5670538*est

The circular economy innovation potential behind the scarcity of raw materials—A literature review

Kraut, Elisabeth Paula Martina; Wellbrock, Wanja; **Gerstlberger, Wolfgang Dieter** Urban and transit planning : city planning: urbanization and circular development 2023 / p. 201-206 https://doi.org/10.1007/978-3-031-20995-6_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Circularity concepts for offsite prefabricated energy renovation of apartment buildings

Kuusk, Kalle; Kullerkupp, Kristel; Pihelo, Peep; Ritzen, Michiel; Tisov, Ana; Kalamees, Targo Journal of physics : conference series 2021 / art. 012074 <https://doi.org/10.1088/1742-6596/2069/1/012074> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Citizen-oriented digital transformation in the public sector

Mergel, Ines; **Kattel, Rainer; Lember, Veiko; McBride, Keegan David Braun** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / art. 122, 3 p <https://doi.org/10.1145/3209281.3209294> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Citizens' access to their digital health data in eleven countries - a comparative study

Nohr, Christian; Wong, Ming Chao; Turner, Paul; Almond, Helen; **Parv, Liisa** Exploring complexity in health : an interdisciplinary systems approach : proceedings of MIE2016 at HEC2016 2016 / p. 685-689 : tab <https://doi.org/10.3233/978-1-61499-678-1-685> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Citizens' readiness for proactive public services : a case study from Azerbaijan

Khasmammadli, Gasim; **Erlenheim, Regina** ICEGOV '22 : proceedings of the 15th International Conference on Theory and Practice of Electronic Governance 2022 / p. 408-415 : ill <https://doi.org/10.1145/3560107.3560170> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Class topper optimization approach to solve non-convex combined heat and power economic dispatch problems in power systems

Gupta, Pradeep Kumar; Tuttlberg, Kaur; Kilter, Jako 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 179-184 <https://doi.org/10.1109/PECon62060.2024.10827527>

Classification algorithm improvement for physical activity recognition in maritime environments

Allik, Ardo; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Leier, Mairo; Jervan, Gert World Congress on Medical Physics and Biomedical Engineering 2018 : June 3-8, 2018, Prague, Czech Republic (Vol. 3) 2019 / p. 13-17 https://doi.org/10.1007/978-981-10-9023-3_3 [Conference proceeding](#) [Article at Scopus](#) [Article at WOS](#)

Classification of cross-sections for vascular skeleton extraction using convolutional neural networks

Lidayová, Kristína; **Gupta, Anindya**; Frimmel, Hans; Sintorn, Ida-Maria; Bengtsson, Ewert; Smedby, Örjan Medical Image : Understanding and Analysis, 21st Annual Conference, MIUA 2017 Edinburgh, UK, July 11–13, 2017 : Proceedings 2017 / p. 182-194 https://doi.org/10.1007/978-3-319-60964-5_16 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Classification of the energy production potential of water lens solar concentrators using machine learning

Zarrinkafsh, Hamidreza; **Eslamirad, Nasim**; **De Luca, Francesco** Journal of Physics: Conference Series 2021 / art. 012022, 6 p. : ill <https://doi.org/10.1088/1742-6596/2042/1/012022> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CLD : an accurate, cost-effective and scalable run-time Cache Leakage Detector

Shalabi, Ameer; **Ghasempouri, Tara**; **Ellervee, Peeter**; **Raik, Jaan** 2021 24th International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS) : Vienna, Austria, 07-09 April 2021 2021 / p. 127-132 : ill <https://doi.org/10.1109/DDECS52668.2021.9417071>

Cleaning procedure for the screen-printed RuO₂ pH electrodes

Lazouskaya, Maryna; **Vetik, Iuliia**; Uppuluri, Kiranmai; Razmi, Nasrin; **Scheler, Ott** IEEE Sensors 2022 : Dallas, Texas, USA : 30 October 2022 - 02 November 2022 : Sensors 2022 conference proceedings 2022 / 4 p. : ill <https://doi.org/10.1109/SENSOR52175.2022.9967177> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Clearing the existing fog over the smart sustainable city concept: highlighting the importance of governance

Schuch de Azambuja, Luiza; Pereira, Gabriela Viale; **Krimmer, Robert Johannes** Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 628–637 <https://doi.org/10.1145/3428502.3428595> [Conference proceedings at Scopus](#) [Article at Scopus](#)

ClimMIT - Climate change mitigation with CCS and CCU technologies

Uibu, Mai; **Siirde, Andres**; **Järvik, Oliver**; **Trikkel, Andres**; **Yörük, Can Rüstü**; Nurk, Gunnar; Kirsimäe, Kalle; **Hazak, Aaro**; **Konist, Alar** Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 9 p <https://ssrn.com/abstract=3812288> <https://doi.org/10.2139/ssrn.3812288>

Closed circuit video for organizational learning in emergency unit

Parv, Liisa; Nøhr, Christian Driving quality in informatics : fulfilling the promise 2015 / p. 302-307 <https://doi.org/10.3233/978-1-61499-488-6-302> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cloud computing: serverless

Koschel, Arne; Bertram, Marvin; Bischof, Richard; Schulze, Kevin; Schaaf, Marc; **Astrova, Irina** 12th International Conference on Information, Intelligence, Systems & Applications (IISA), 12-14 July 2021 : proceedings 2021 / art. 21201275, 7 p. : ill <https://doi.org/10.1109/IISA52424.2021.9555534>

Cluster-based association rule mining for an intersection accident dataset

Shahin, Mahtab; Saeidi, Soheila; Shah, Syed Attique; **Kaushik, Minakshi**; **Sharma, Rahul**; **Arakkal Peious, Sijo**; **Draheim, Dirk** 2021 International Conference on Computing, Electronic and Electrical Engineering (ICE Cube), 26-27 November 2021 : proceedings 2021 / 6 p <https://doi.org/10.1109/ICECube53880.2021.9628206>

Clustering and outlier analysis for key performance indicators in battery energy storage systems applications

Zequera, Rolando Antonio Gilbert; **Rassölkin, Anton**; **Vaimann, Toomas**; **Kallaste, Ants** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227417>

Clustering of Transmission System Loads Based on Monthly Load Class Energy Consumptions

Leinakse, Madis; **Kilter, Jako** 2020 21st International Scientific Conference on Electric Power Engineering (EPE), October 19-21, 2020, Prague, Czech Republic 2020 / 6 p. : ill <https://doi.org/10.1109/EPE51172.2020.9269197>

The CMS fast beam condition monitor for HL-LHC

Auzinger, G.; Bakhshiansohi, H.; Dabrowski, A.; Delannoy, A.G.; Dierlamm, A.; Dragicevic, M.; Gholami, A.; Gomez, G.; Jenihhin, Maksim; **Shibin, Konstantin** Journal of instrumentation 2024 / art. C03048, 10 p. : ill <https://doi.org/10.1088/1748-0221/19/03/C03048> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

CNN based analysis of the Luria's alternating series test for Parkinson's disease diagnostics

Zaremba, Sergei; **Nömm, Sven**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Recent Challenges in Intelligent Information and Database Systems : 13th Asian Conference, ACIDS 2021, Phuket, Thailand, April 7–10, 2021 : proceedings 2021 / p. 3-13 https://doi.org/10.1007/978-981-16-1685-3_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

CNN-Transformer Hybrid Model Towards Automated Droplet Image Quality Assessment of Portable Imaging Flow Cytometer

Afrin, Fariha; Ndubuisi Ezechukwu, Dismas; **Le Moullec, Yannick**; **Pardy, Tamas**; **Rang, Toomas**; **Koel, Ants** IEEE EUROCON 2025 - 21st International Conference on Smart Technologies 2025 / 6 p <https://doi.org/10.1109/EUROCON64445.2025.11073334>

CO2 mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO₃ production

Velts, Olga; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Energy procedia 2013 / p. 5921-5928 : ill

<https://www.sciencedirect.com/science/article/pii/S1876610213007613> <https://doi.org/10.1016/j.egypro.2013.06.518> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CO2 mineralisation : production of CaCO₃-type material in a continuous flow disintegrator-reactor

Velts, Olga; Kindsigo, Merit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik Energy procedia 2014 / p. 5904-5911 : ill

<https://doi.org/10.1016/j.egypro.2014.11.625> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A coalgebraic view of bar recursion and bar induction

Capretta, Venanzio; **Uustalu, Tarmo** Foundations of Software Science and Computation Structures : 19th International Conference, FOSSACS 2016, held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2016, Eindhoven, The Netherlands, April 2-8, 2016 : proceedings 2016 / p. 91-106 https://doi.org/10.1007/978-3-662-49630-5_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Co-creation method for fostering cultural tourism impact

Pasandideh, Shabnam; Martins, João F.; Pereira, Pedro; Gandini, Alessandra; De la cal, Mikel Zubiaga; **Kalvet, Tarmo**; Koor, Tatjana; Sopelana, Amaia Advances in Cultural Tourism Research : Proceedings 2025 / p. 35-46 https://doi.org/10.1007/978-3-031-65537-1_3

Co-creation of intangible brand assets : an integrative S-D logicorganic view of brand-based conceptual framework

Saha, Victor; Venkatesh, Mani; Goyal, Praveen; **Hollebeek, Linda Desiree** Research Handbook on Brand Co-creation : Theory, Practice, and Ethical Implications 2022 / p. 80-89 <https://doi.org/10.4337/9781839105425>

Code development of a DSP-FPGA based control platform for power electronics applications

Minambres-Marcos, Victor; **Roasto, Indrek**; Szczepankowski, P.; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Barrero-Gonzalez, Fermin 2015 IEEE International Conference on Industrial Technology (ICIT 2015) : Seville, Spain, 17-19 March 2015 2015 / p. 2890-2895 : ill <https://doi.org/10.1109/ICIT.2015.7125524> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Co-design of a wireless networked control system for reliability and resource-efficiency

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 7 p <https://doi.org/10.1109/BEC61458.2024.10737965> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Coherence for skew-monoidal categories

Uustalu, Tarmo Proceedings of the 5th Workshop on Mathematically Structured Functional Programming (MSFP 2014) : Grenoble, France, 12 April 2014 2014 / p. 68-77 <https://doi.org/10.4204/EPTCS.153.5> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Coherence via focusing for symmetric skew monoidal categories

Veltri, Niccolo Logic, Language, Information, and Computation : 27th International Workshop, WoLLIC 2021, Virtual Event, October 5–8, 2021 : proceedings 2021 / p. 184-200 https://doi.org/10.1007/978-3-030-88853-4_12 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Coherent enterprise information modelling for 5G private network feasibility

Jairus, Tanel; Pilvik, Riivo; Kõrbe Kaare, Kati; Sadam, Arvi; Kuhi, Kristjan Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 020012 <https://doi.org/10.1063/5.0196899> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Coil design for wireless power transfer with series-parallel compensation

Shevchenko, Viktor; **Husev, Oleksandr**; Pakhaliuk, Bohdan; Karlov, Olexii; Kondratenko, Igor 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering (UKRCON) 2019 / p. 401-407 <https://doi.org/10.1109/UKRCON.2019.8879877>

Coil-to-coil efficiency of ISS-compensated inductive wireless power transfer links operating with load-independent output voltage at fixed frequency

Belenky, A.; **Chub, Andrii**; Kuperman, A. 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 617-621 : ill <https://doi.org/10.1109/ICCEP57914.2023.10247404>

Coinductive big-step semantics for concurrency

Uustalu, Tarmo Proceedings 5th Workshop on : Programming Language Approaches to Concurrency and Communication-cEntric Software, Rome, Italy, 23rd March 2013 2013 / p. 63-78 <https://doi.org/10.4204/EPTCS.137.6> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Collaborative project management framework for partner network initiation

Ševtšenko, Eduard; Poljantšikov, Igor; Mahmood, Kashif; Kangilaski, Taivo; Norta, Alexander Procedia engineering 2015 / p. 159-168 : ill <https://doi.org/10.1016/j.proeng.2015.01.354> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Collaborative project management framework for partner network initiation in machining domain [Online resource]

Ševtšenko, Eduard; Polyantchikov, Igor; Mahmood, Kashif; Kangilaski, Taivo; Norta, Alexander; Karaulova, Tatjana; Perm,

Ardo Proceedings of the 18th Online World Conference on Soft Computing in Industrial Applications (WSC18) 2018 / p. 215-233 : ill https://doi.org/10.1007/978-3-030-00612-9_19 <https://link.springer.com/content/pdf/bfm%3A978-3-030-00612-9%2F1.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Collages of string diagrams

Braithwaite, Dylan; **Roman Garcia, Mario** 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 2023 / p. 39-53 <https://doi.org/10.4204/EPTCS.397.3> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Collar-aware training for streaming speaker change detection in broadcast speech

Kalda, Joonas; Alumäe, Tanel The Speaker and Language Recognition Workshop (Odyssey 2022), 28 June - 1 July 2022, Beijing, China : proceedings 2022 / p. 141-147 <https://doi.org/10.21437/Odyssey.2022-20>

Combinational fault simulation in sequential circuits

Ubar, Raimund-Johannes; Kõusaar, Jaak; Gorev, Maksim; Devadze, Sergei 2015 IEEE International Symposium on Circuits and Systems : 24-27 May 2015, Lisboa, Portugal : [proceedings] 2015 / p. 2876-2879 : ill <https://doi.org/10.1109/ISCAS.2015.7169287> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A combined method for error and complexity reduction in fuzzy rule-based classification

Riid, Andri; Preden, Jürjo-Sören IEEE International Conference on Fuzzy Systems : August 2-5, 2015, Istanbul, Turkey 2015 / [6] p. : ill <https://doi.org/10.1109/FUZZ-IEEE.2015.7337806> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Combined safety and cybersecurity testing methodology for autonomous driving algorithms

Roberts, Andrew James; Malayjerd, Mohsen; Malayjerd, Ehsan; Maennel, Olaf Manuel CSCS '22 : Proceedings of the 6th ACM Computer Science in Cars Symposium 2022 / art. 12, 10 p <https://doi.org/10.1145/3568160.3570235>

Combined UX/UXI taxonomy for prosumer commons in Smart Sustainable Cities

Kajander, Aleks Oskar Johannes; Solarte Vasquez, Maria Claudia 16th International Conference on Interfaces and Human Computer Interaction (IHC2022) and 15th International Conference on Game and Entertainment Technologies (GET2022) Held at the 16th Multi-Conference on Computer Science and Information Systems (MCCSIS 2022), Lisbon, Portugal 19-22 July, 2022 2022 / p. 122-130 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85142297503&origin=resultslist&sort=plf-f> https://www.iadisportal.org/components/com_booklibrary/ebooks/202205L016.pdf

Combining fault analysis technologies for ISO26262 functional safety verification

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Hamdioui, Said; Sauer, Christian 2019 IEEE 28th Asian Test Symposium (ATS) : 10-13 December 2019, Kolkata, India : proceedings 2019 / p. 129-134 : ill <https://doi.org/10.1109/ATS47505.2019.00024>

Combining fuzzy and probabilistic reasoning for crowd-sourced categorization and tagging

Tammet, Tanel; Luberg, Ago Web Reasoning and Rule Systems : 8th International Conference, RR 2014, Athens, Greece, September 15-17, 2014 : proceedings 2014 / p. 247-248 <https://link.springer.com/book/10.1007/978-3-319-11113-1> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Combining hybrid and end-to-end approaches for the OpenASR20 challenge

Alumäe, Tanel; Kong, Jiaming Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1585-1589 <https://doi.org/10.21437/Interspeech.2021-1086>

Combining JSON-LD with first order logic

Tammet, Tanel; Sutcliffe, Geoff Proceedings - 2021 IEEE 15th International Conference on Semantic Computing, ICSC 2021 2021 / p. 256 - 261 <https://doi.org/10.1109/ICSC50631.2021.00051> [Article at Scopus](#) [Article at WOS](#)

Combining semantic parsing frameworks for automated knowledge base construction

Verrev, Martin AI³ 2022 : 6th Workshop on Advances in Argumentation in Artificial Intelligence 2022 <https://ceur-ws.org/Vol-3354/paper1.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Commercial property tokenizing with smart contracts

Norta, Alexander; Fernandez, Chad; Hickmott, Stefan 2018 International Joint Conference on Neural Networks (IJCNN) : 2018 proceedings 2018 / p. 4801-4808 <https://doi.org/10.1109/IJCNN.2018.8489534> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Common mode voltage reduction and neutral-point voltage balance for quasi-Z-source three-level neutral-point-clamped inverters

Liu, Wenjie; Yang, Yongheng; Li, Weilin; Zhang, Xiaobin; **Husev, Oleksandr; Vinnikov, Dmitri** International Power Electronics Conference (IPEC-Himeji 2022- ECCE Asia) 2022 / p. 934-939 <https://doi.org/10.23919/IPEC-Himeji2022-ECCE53331.2022.9806905>

Communication channel choice between enterprises and government

Kindel, Kristiina; Venesaar, Urve; Reidolf, Merli Databases and Information Systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 218-231

https://www.researchgate.net/publication/288761200_Communication_channel_choice_between_enterprises_and_government

<https://doi.org/10.3233/978-1-61499-161-8-218> Article collection metrics at Scopus Article at Scopus Article at WOS

Community battery sizing for distribution level RES hosting capacity improvement

Peterson, Kristjan; Shabbir, Noman; Astapov, Victor; Kütt, Lauri; Kamran, Daniel 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p

<https://doi.org/10.1109/RTUCON62997.2024.10830871>

CommunityCare : tackling mental health issues with the help of community

Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk iiWAS2020 : The 22st International Conference on Information Integration and Web-based Applications & Services, November 30 - December 2, 2020, Chiang Mai, Thailand : [Proceedings] 2020 / art. 3429114, p. 377-382 <https://doi.org/10.1145/3428757.3429114> Conference proceedings at Scopus Article at Scopus Article at WOS

Company performance, investment decision, and cyclical sensitivity : a dynamic estimation on company microdata

Männasoo, Kadri; Maripuu, Peeter Eastern European economics 2015 / p. 25-38 : tab

<https://doi.org/10.1080/00128775.2015.1033318> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Comparative analysis of buck-boost inverters based on unfolding circuit versus H5, H6, HERIC topologies

Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri; Vosoughi Kurdkandi, Naser 2022 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM) 2022 / p. 547-552

<https://doi.org/10.1109/SPEEDAM53979.2022.9842282>

Comparative Analysis of Clinical Terminology Servers : A Quest for an Improved Solution

Ivanova, Marina; Bossenko, Igor; Piho, Gunnar; Ross, Peeter Digital Economy. Emerging Technologies and Business Innovation. ICDEc 2024 : proceedings 2024 / p. 107–118 https://doi.org/10.1007/978-3-031-76368-7_8

A comparative analysis of NZEB energy performance requirements for residential buildings in Denmark, Estonia and Finland

Simson, Raimo; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 14001, 12 p. : ill <https://doi.org/10.1051/e3sconf/202124614001> Conference Proceedings at Scopus Article at Scopus Article at WOS

Comparative analysis of pattern mining algorithms for event logs

Gasimov, Orkhan; Vaarandi, Risto; Pihelgas, Mauno 2023 IEEE International Conference on Cyber Security and Resilience (CSR) : Venice, Italy, 2023 2023 / 7 p <https://doi.org/10.1109/CSR57506.2023.10224996>

Comparative analysis of residual stresses determined by various methods in brush-plated hard gold and silver coatings

Lille, Harri; Kõo, Jakub; Ryabchikov, Alexander; Reitsnik, Renno; Sergejev, Fjodor; Mikli, Valdek Engineering materials & tribology XXII 2014 / p. 8-11 <https://doi.org/10.4028/www.scientific.net/KEM.604.8> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

A comparative analysis of symbolic and deep learning based RDFS materialization

Traagel, Mart; Carneiro Alves de Lima, Bruno Rucy; Cabral Pinheiro, Victor Henrique AICCC '23: Proceedings of the 2023 6th artificial intelligence and cloud computing conference 2023 / p. 60-65 <https://doi.org/10.1145/3639592.3639601>

Comparative analysis of two methods for evaluating wear rate of nanocrystalline diamond films

Bogatov, Andrei; Yashin, Maxim; Viljus, Mart; Menezes, Pradeep; Podgurski, Vitali Engineering materials and tribology XXV 2017 / p. 345-350 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.345> Conference proceedings at Scopus Article at Scopus

Comparative analysis of wear rates of microcrystalline diamond and diamond-like carbon coatings deposited on WC-Co substrates

Yashin, Maxim; Bogatov, Andrei; Podgurski, Vitali Engineering materials and tribology XXV 2017 / p. 436-440 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.436> Conference proceedings at Scopus Article at Scopus

Comparative evaluation of a DAB converter and SRC for DC buildings application

Carvalho da Silva, Edivan Laercio; Chub, Andrii; Blinov, Andrei; Banavath, Satish Naik; Vinnikov, Dmitri 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 6 p <https://doi.org/10.1109/PEMC61721.2024.10726346>

Comparative evaluation of isolated dc-dc converters for low power applications

Azizi, Mohammadreza; Husev, Oleksandr; Vinnikov, Dmitri; Veligorskyi, Oleksandr 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 7-12 <https://doi.org/10.1109/PEMC51159.2022.9962944>

Comparative evaluation of multicoil inductive power transfer approaches based on Z-source network

Pakhaliuk, Bohdan; **Husev, Oleksandr**; Strzelecki, Ryszard; Shevchenko, Viktor; Maksym, Khomenko 2019 IEEE 2nd Ukraine Conference on Electrical and Computer Engineering (UKRCON) 2019 / 5 p <https://doi.org/10.1109/UKRCON.2019.8880002>

Comparative investigation of the graphene-on-silicon carbide and CVD graphene as a basis for biosensor application
Sleptšuk, Natalja; Lebedev, Alexander A.; Eliseyev, Ilya; **Korolkov, Oleg**; **Toompuu, Jana**; **Land, Raul**; **Mikli, Valdek**; Zubov, Alexander; **Rang, Toomas** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 185-190 : ill https://www.ester.ee/record=b5235278*est <https://www.scientific.net/KEM.799.185> <https://doi.org/10.4028/www.scientific.net/KEM.799.185> Conference proceeding at Scopus Article at Scopus

Comparative measurement of cardiac cycle by means of different sensors
Priidel, Eiko; **Land, Raul**; **Sinivee, Veljo**; **Annus, Paul**; **Min, Mart** 2017 Electronics : proceedings of the 21st International Conference : June 19th-21st, 2017, Palanga, Lithuania 2017 / [5] p. : ill <https://doi.org/10.1109/ELECTRONICS.2017.7995221>

Comparative power quality analysis of right and left shunt UPQC topologies
Kumar, Pradeep; **Gupta, Pradeep Kumar** Proceedings of the International Conference on Systems, Control and Automation (ICSCA 2023) 2025 / p. 607-624 https://doi.org/10.1007/978-981-97-7384-8_52

Comparative results of low temperature annealing of lightly doped n-layers of silicon carbide irradiated by protons and electrons
Kozlovski, Vitali V.; **Korolkov, Oleg**; Lebedev, Alexander A.; **Toompuu, Jana**; **Sleptšuk, Natalja** Silicon Carbide and Related Materials 2019 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 2020 / p. 231-236 <https://doi.org/10.4028/www.scientific.net/MSF.1004.231> Conference Proceedings at Scopus Article at Scopus

Comparative studies of various E-learning teaching methodologies in civil engineering courses
Puust, Raido Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 1 2025 / p. 534-546 https://doi.org/10.1007/978-3-031-85652-5_53

Comparative study of adhesive wear for CoCr, TiC-NiMo, WC-Co as potential FSW tool materials
Kolnes, Mart; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; **Kolnes, Märt** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 224-228 : ill <https://doi.org/10.4028/www.scientific.net/SSP.267.224> Conference proceedings at Scopus Article at Scopus

Comparative study of CdS films annealed in neutral, oxidizing and reducing atmospheres
Maticiu, Natalia; **Kukk, Mart**; **Spalatu, Nicolae**; **Potlog, Tamara**; **Krunks, Malle**; **Valdna, Vello**; **Hiie, Jaan** Energy procedia 2014 / p. 77-84 : ill <https://doi.org/10.1016/j.egypro.2013.12.012> Conference proceedings at Scopus Article at Scopus Article at WOS

Comparative study of plasma cladded Fe-based composite hardfacings with in situ synthesized Cr and Ti carbide reinforcement
Tkachivskyi, Dmytro; **Viljus, Mart**; **Traksmas, Rainer**; **Antonov, Maksim**; **Surženkov, Andrei**; **Juhani, Kristjan**; **Kulu, Priit** Solid state phenomena ; 320 2021 / p. 83-89 <https://doi.org/10.4028/www.scientific.net/SSP.320.83> Conference proceedings metrics at Scopus Article at Scopus

Comparative study of possible implementations of the flexible power electronic interface for wide-range high step-up applications in DC microgrid
Khan, Salman; **Chub, Andrii**; **Vinnikov, Dmitri**; Kasper, Matthias; Deboy, Gerald 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604370>

Comparative study of the phase-integrated converter as universal power converter
Husev, Oleksandr; **Matiushkin, Oleksandr**; **Vinnikov, Dmitri**; **Vosoughi Kurdkandi, Naser**; Kouro, Samir Annual IEEE Conference on Applied Power Electronics Conference and Exposition (APEC) 2022 / p. 58-63 <https://doi.org/10.1109/APEC43599.2022.9773553> Conference Proceedings at Scopus Article at Scopus

Comparative study of the VARTM, VAP and MTI vacuum infusion processes
Aruniit, Aare; **Herranen, Henrik**; Miller, Kristen Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 71-76 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.71> Conference Proceedings at Scopus Article at Scopus

Comparative study of using periodic daily and long-term weather data for cooling system sizing and impact of thermal mass
Seyed Salehi, Seyed Shahabaldin; **Kurnitski, Jarek**; **Thalfeldt, Martin** E3S Web Conference: BuildSim Nordic 2022 2022 / art. 06002 <https://doi.org/10.1051/e3sconf/202236206002> Conference proceedings at Scopus Article at Scopus

Comparative study on electroless composite coatings of textured and untextured Al-substrates

Singh, Garima; Mohanty, Shalini; Kumar Singh, Rabesh; Rai Dixit, Amit; Kumar Sharma, Anuj Materials today: proceedings 2023 / p. 233-240 : ill <https://doi.org/10.1016/j.matpr.2022.12.079> [Conference proceedings at Scopus](#) [Article at Scopus](#)

A comparative study on graph-based ranking algorithms for consumer-oriented demand side management

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash 2021 IEEE Madrid PowerTech 2021 / 6 p <https://doi.org/10.1109/PowerTech46648.2021.9494752>

Comparing modern build automation tools for an insurance company

Koschel, Arne; Tran, Kim Chi; Grunewald, Alexander; Lange, Moritz; Pakosch, Anna; **Astrova, Irina** SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 1650-1655 <https://doi.org/10.1145/3555776.357760>

Comparing two wavelet approaches for solving fractional differential equations

Majak, Jüri; Kivistik, Lenart; Eerme, Martin; Tungal, Ernst International Conference of Numerical Analysis and Applied Mathematics : ICNAAM2022 : Heraklion, Freece, 19-25 September 2022 2024 / art. 230004 <https://doi.org/10.1063/5.0210415> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison and evaluation of learning capabilities of deep learning methods for predicting ship motions

Zhang, Mingyang; Liu, Con; **Kujala, Pentti Jouko Sakari;** Hirdaris, Spyros Proceedings of 15th International Marine Design Conference (IMDC-2024) 2024 / p. 1499-1510 <https://doi.org/10.59490/imdc.2024.838>

A comparison between three-phase conventional two-stage ac-dc and single-stage matrix converter approaches

Mohseni, Parham; Emiliani, Pietro; Husev, Oleksandr; Vinnikov, Dmitri; Mackay, Laurens 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227438>

A comparison of approaches to providing patients access to summary care records across old and new Europe : an exploration of facilitators and barriers to implementation

De Lusignan, Simon; **Ross, Peeter;** Shifrin, Michael; Hercigonja-Szekeres, Mira; Seroussi, Brigitte Proceedings of the 14th World Congress on Medical Informatics ; MEDINFO 2013 2013 / p. 397 - 401 <https://doi.org/10.3233/978-1-61499-289-9-397> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of decoupling control strategies for multiple active bridge DC-DC converter

Cai, Yicong; Buticchi, Giampaolo; Gu, Chunyang; Li, Jing; **Carvalho da Silva, Edivan Laercio;** Zhang, He 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227395>

Comparison of electrical conductivity of cement composite materials

Birzniece, Inga Melanija; Cizevska, Anna; **Goljandin, Dmitri;** Lusi, Vitalijs World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2022 : Prague, Czech Republic, 5-9 September 2022 2023 / art. 080011 <https://doi.org/10.1063/5.0170574> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Comparison of excitation signals and methods for a wideband bioimpedance measurement

Ojarand, Jaan; Rist, Marek; Min, Mart I2MTC 2016 : 2016 IEEE International Instrumentation and Measurement Technology Conference : May 23-26, 2016, Taipei International Convention Center, Taipei, Taiwan : proceedings 2016 / p. 1291-1296 : ill <https://doi.org/10.1109/I2MTC.2016.7520555> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of full power and partial power buck-boost DC-DC converters for residential battery energy storage applications

Hassanpour, Naser; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 6 p <https://doi.org/10.1109/CPE-POWERENG54966.2022.9880862>

Comparison of grid-connected flyback-based microinverter with primary and secondary side decoupling approach

Afshari, Hossein; Husev, Oleksandr; Vinnikov, Dmitri; Matiushkin, Oleksandr; Vosoughi Kurdkandi, Naser 2022 IEEE 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2022 / p. 1-6 <https://doi.org/10.1109/RTUCON56726.2022.9978855>

Comparison of machine learning algorithms for classification of partial discharge signals in medium voltage components

Kumar, Haresh; **Shafiq, Muhammad;** Hussain, Ghulam Amjad; Kauhaniemi, Kimmo 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 6 p <https://doi.org/10.1109/ISGTEurope52324.2021.9639923>

Comparison of matrix reordering algorithms based on monotone systems

Lind, Grete; Kuusik, Rein, inform. The Fifteenth International Conference on Concept Lattices and Their Applications : CLA 2020, Tallinn, Estonia, June 29-July 1, 2020 2020 / p. 281-286 https://www.ester.ee/record=b5353358*est <http://ceur-ws.org/Vol-2668/short2.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Comparison of (N+1) redundancy and fault tolerance approaches in single-stage series-connected isolated MVAC to LVDC converters

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Blinov, Andrei; Bayhan, Sertac; **Vinnikov, Dmitri** 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 469-474 : ill <https://doi.org/10.1109/ICCEP57914.2023.10247478>

Comparison of near-body flow fields of a gudgeon and NACA013 profile

Khan, Ali Hassan; Toming, Gert; Hoerner, Stefan; **Tuhtan, Jeffrey A.** GeoPlanet: Earth and Planetary Sciences 2024 / p. 231 - 242 https://doi.org/10.1007/978-3-031-56093-4_18 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Comparison of predictive equations for basal metabolic rate

Allik, Ardo; Mägi, Siiri; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Leier, Mairo; Jervan, Gert Wireless Mobile Communication and Healthcare : 7th International Conference, MobiHealth 2017, Vienna, Austria, November 14–15, 2017 : proceedings 2018 / p. 261-264 : ill <https://doi.org/10.1007/978-3-319-98551-0> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of renewable electricity generation options with household electrical load patterns

Auväärt, Aivar; Rosin, Argo; Rosin, Kai; Drovtar, Imre; Lehtla, Madis Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013 2013 / p. 1555-1560 : ill <https://ieeexplore.ieee.org/document/6699364> <https://doi.org/10.1109/IECON.2013.6699364> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Comparison of simplified and detailed window models in office building energy simulations

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik Energy procedia 2015 / p. 2076-2081 : ill <https://doi.org/10.1016/j.egypro.2015.11.235> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of synchronous reluctance machine and permanent magnet-assisted synchronous reluctance machine performance characteristics

Heidari, Hamidreza; Andriushchenko, Ekaterina; Rassölkin, Anton; Kallaste, Ants; Vaimann, Toomas; Demidova, Galina 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 5 p. : ill <https://doi.org/10.1109/IWED48848.2020.9069583>

Comparison of the impact of different household occupancies on load matching algorithms

Häring, Tobias; Ahmadiyahangar, Roya; Rosin, Argo; Biechl, Helmuth; Korötko, Tarmo 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818270>

A comparison of the vector control of synchronous reluctance motor and permanent magnet-assisted synchronous reluctance motor

Heidari, Hamidreza; Rassölkin, Anton; Kallaste, Ants; Vaimann, Toomas; Andriushchenko, Ekaterina; Belahcen, Anouar; Razzaghi, Arash 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 6 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462265>

A comparison-based methodology for the security assurance of novel systems

Laud, Peeter; Vakarjuk, Jelizaveta ESORICS 2022: Computer Security. ESORICS 2022 International Workshops : conference proceedings 2023 / p. 625-644 https://doi.org/10.1007/978-3-031-25460-4_36

Competencies required for the offensive cyber operations planners

Arik, Marko; Lugo, Ricardo Gregorio; Ottis, Rain; Venables, Adrian Nicholas HCI for Cybersecurity, Privacy and Trust : 6th International Conference, HCI-CPT 2024, Held as Part of the 26th HCI International Conference, HCII 2024 Washington, DC, USA, June 29 – July 4, 2024 : Proceedings, Part II 2024 / p. 20-39 https://doi.org/10.1007/978-3-031-61382-1_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Competition, collaboration and combination: differences in attitudes to collective organization among offline and online platform workers

Holts, Kaire; Huws, Ursula; Spencer, Neil; Coates, Matthew The Gig Economy : Workers and media in the age of convergence 2021 <https://doi.org/10.4324/9781003140054>

Compiling cooperative task management to continuations

Nakata, Keiko; Saar, Andri Fundamentals of Software Engineering : 5th International Conference, FSEN 2013, Tehran, Iran, April 24-26, 2013, Revised Selected Papers 2013 / p. 95 - 110 https://doi.org/10.1007/978-3-642-40213-5_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Completeness for categories of generalized automata

Boccali, Guido; Laretto, Andrea; Loregian, Fosco; Luneia, Stefano 10th Conference on Algebra and Coalgebra in Computer Science, CALCO 2023, Bloomington, 19 June 2023 - 21 June 2023 2023 / art. 20, 14 p. : ill <https://doi.org/10.4230/LIPIcs.CALCO.2023.20> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Complex division by Baudhayan triplet algorithm using novel state of the art USP-awadhoot divider

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1918-1922
<https://doi.org/10.1109/IMCEC51613.2021.9482010>

Compliance testing concept of grid-connected inverter-based resources using simulated input

Dvoracek, Jiri; Drapela, Jiri; Moravek, Jan; Vojtek, Martin; Toman, Petr; **Rassölkin, Anton; Vaimann, Toomas** 2023 23rd International Scientific Conference on Electric Power Engineering (EPE) 2023 / p. 1-6 <https://doi.org/10.1109/EPE58302.2023.10149232>

Component organised learning method for digital supply chain hybrid courses

Murumaa, Lea; Ševtšenko, Eduard; **Karaulova, Tatjana** Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 691-705 https://doi.org/10.1007/978-3-030-93904-5_69 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at Scopus](#)

Composing graph theory and deep neural networks to evaluate SEU type soft error effects

Balakrishnan, Aneesh; Lange, Thomas; Glorieux, Maximilien; Alexandrescu, Dan; **Jenihhin, Maksim** 9th Mediterranean Conference on Embedded Computing (MECO'2020), Budva, Montenegro, 8-11 June 2020 2020
<https://doi.org/10.1109/MECO49872.2020.9134279>

Composite surrogate for likelihood-free bayesian optimisation in high-dimensional settings of activity-based transportation models

Kuzmanovski, Vladimir; Hollmén, Jaakko Advances in Intelligent Data Analysis XIX : 19th International Symposium on Intelligent Data Analysis, IDA 2021, Porto, Portugal, April 26–28, 2021 : proceedings 2021 / p. 171-183 : ill https://doi.org/10.1007/978-3-030-74251-5_14 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Composition of engineering drawing through communication skills and social/material interactions from the semiotic aspect

Lille, Harri; **Ruus, Aime** IOP conference series : materials science and engineering 4th International Conference on Innovative Materials, Structures and Technologies (IMST 2019) : 25–27 September 2019, Riga, Latvia 2019 / art. 012011, 6 p
<https://doi.org/10.1088/1757-899X/660/1/012011> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Compositional diagrammatic first-order logic

Haydon, Nathan Joseph; Sobocinski, Pawel Maria Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 402-418 https://doi.org/10.1007/978-3-030-54249-8_32 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Compositional modelling of network games

Di Lavore, Elena; Hedges, Jules; **Sobocinski, Pawel Maria** 29th EACSL Annual Conference on Computer Science Logic : CSL 2021, January 25–28, 2021, Ljubljana, Slovenia (Virtual Conference) 2021 / art. 30, p. 30:1–30:24 : ill
<https://doi.org/10.4230/LIPLCS.CSL.2021.30> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Compositionally tunable structure and optical properties of Cu_{1.85}(CdxZn_{1-x})_{1.1}SnS_{4.1} (0 ≤ x ≤ 1) monograin powders

Pilvet, Maris; Kauk-Kuusik, Marit; Altosaar, Mare; Grossberg, Maarja; Danilson, Mati; Timmo, Kristi; Mere, Arvo; Mikli, Valdek Thin solid films 2015 / p. 180-183 : ill <https://doi.org/10.1016/j.tsf.2014.10.091> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

A comprehensive approach for designing business-intelligence solutions with multi-agent systems in distributed environments

Qayumi, Karima; **Norta, Alexander** Transactions on Large-Scale Data- and Knowledge-Centered Systems XXXVII 2018 / p. 113-150 https://doi.org/10.1007/978-3-662-57932-9_4 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

A comprehensive market mechanism for decentralized P2P energy trading platform

Zahraoui, Younes; Korötko, Tarmo; Agabus, Hannes; Rosin, Argo 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 972-977 <https://doi.org/10.1109/MELECON56669.2024.10608740>

Comprehensive performance and robustness analysis of 2D turn models for network-on-chips

Azad, Siavoosh Payandeh; Niazmand, Behrad; Janson, Karl; Kogge, Thilo; Raik, Jaan; Jervan, Gert; Hollstein, Thomas 2017 IEEE International Symposium on Circuits and Systems (ISCAS) 2017 / p. 1476-1479 : ill
<https://doi.org/10.1109/ISCAS.2017.8050634> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comprehensive workflow for documenting corporate commuting emissions : a university case study with two alternative approaches

Jiang, Qidi; Kurnitski, Jarek Proceedings of the 2nd international conference on advanced civil engineering and smart structures 2024 / p. 68-77 https://doi.org/10.1007/978-981-97-1514-5_8 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Computational intelligence approach for estimation of vehicle insurance risk level

Vassiljeva, Kristina; Tepljakov, Aleksei; Petlenkov, Eduard; Netšajev, Eduard 2017 International Joint Conference on Neural Networks (IJCNN 2017) : Anchorage, Alaska, USA, 14-19 May 2017 / p. 4073-4078 : ill <https://doi.org/10.1109/IJCNN.2017.7966370> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Computational intelligence methods based design of closed-loop system

Belikov, Juri; Petlenkov, Eduard; Vassiljeva, Kristina; Nömm, Sven Neural information processing : 20th International Conference, ICONIP 2013, Daegu, Korea, November 3-7, 2013 : proceedings. Part I 2013 / p. 215-224 : ill https://doi.org/10.1007/978-3-642-42054-2_28 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Computer aided corporate sense-making and prioritization for SDGs

Liiv, Innar; Karo, Erkki; Soe, Ralf-Martin The Ethics of Artificial Intelligence for the Sustainable Development Goals 2023 / p. 365-378 https://doi.org/10.1007/978-3-031-21147-8_20 https://link.springer.com/chapter/10.1007/978-3-031-21147-8_20

Computer science students early drop-out prediction using machine learning : a case study

Maksimova, Natalja; Pentel, Avar; Dunajeva, Olga Learning with Technologies and Technologies in Learning 2022 / p. 523-549 https://doi.org/10.1007/978-3-031-04286-7_25 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Computers in education

Jaakkola, Hannu; Henno, Jaak; Mäkelä, Jukka 2023 46th ICT and Electronics Convention (MIPRO), May 22 – May 26, 2023, Opatija, Croatia, Proceedings 2023 / p. 833-839 <https://doi.org/10.23919/MIPRO57284.2023.10159980>

Computing data lineage and business semantics for data warehouse

Tomingas, Kalle; Järv, Priit; Tammet, Tanel Knowledge Discovery, Knowledge Engineering and Knowledge Management : 8th International Joint Conference, IC3K 2016, Porto, Portugal, November 9–11, 2016 : Revised Selected Papers 2019 / p. 101-124 https://doi.org/10.1007/978-3-319-99701-8_5 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Concatenated GSNR profiles for end-to-end performance estimations in disaggregated networks

Kaeval, Kaida; Myrri, Jani; Grobe, Klaus; Griesser, Helmut; Jervan, Gert 2022 Optical Fiber Communications Conference and Exhibition (OFC) : San Diego, California, USA, 6 – 10 March 2022 : proceedings 2022 / 3 p <https://ieeexplore.ieee.org/document/9748620/figures#figures>

Concentrated solar power (CSP) for sustainable architecture to supply domestic hot water and heating loads of buildings

Zarrinkafsh, Hamidreza; Eslamirad, Nasim; De Luca, Francesco Journal of physics : conference series 2021 / art. 012110, p. 1-6 : ill <https://doi.org/10.1088/1742-6596/2042/1/012110> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Concept of Estonian government cloud and data embassies

Kotka, Taavi; Liiv, Innar Electronic Government and the Information Systems Perspective : 4th International Conference, EGOVIS 2015, Valencia, Spain, September 1-3, 2015 : proceedings 2015 / p. 149-162 : ill https://doi.org/10.1007/978-3-319-22389-6_11 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Concept of the test Bench for electrical vehicle propulsion drive data acquisition

Rassõlkin, Anton; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 / p. 35-42 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249078>

Concepts of additively manufactured electrical machines and components

Vaimann, Toomas; Tiismus, Hans; Kallaste, Ants 2023 23rd International Scientific Conference on Electric Power Engineering (EPE) 2023 / 6 p <https://doi.org/10.1109/EPE58302.2023.10149252>

Conceptual challenges of researching Artificial Intelligence in public administrations

Noordt, Colin Pascal van 23rd Annual International Conference on Digital Government Research (DGO2022) : Intelligent Technologies, Governments and Citizens, June 15-17, 2022 : proceedings 2022 / p. 183-190 <https://doi.org/10.1145/3543434.3543441> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Conceptual design and performance evaluation of COVID-19 vessel for public health service in Indonesia's remote island

Tuswan, Tuswan; Misbahudin, Saefulloh; Widiyanto, Adi; Satriananta, Mahendra Guna; Dwinata, Rayhan Satria; Ismail, Abdi; Hakim, Muhammad Luqman; Rindo, Good; Prabowo, Aditya Rio; Putranto, Teguh AIP Conference Proceedings 2023 / art. 030033 <https://doi.org/10.1063/5.0115436> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Conceptual model for the development of OHS management in SMEs

Hrenov, Georgi Proceedings of the 32nd European Safety and Reliability Conference (ESREL 2022) 2022 / p. 2718-2725 : ill https://doi.org/10.3850/978-981-18-5183-4_S18-05-625-cd

Conceptual modelling of an EV-permanent magnet synchronous motor digital twin

Mohamed, Mahmoud Ibrahim Hassanin; Rjabtšikov, Viktor; Jegorov, Sergei; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28

A conceptual nationwide cyber situational awareness framework for critical infrastructures

Bahsi, Hayretidin; Maennel, Olaf Manuel Secure IT systems : 20th Nordic Conference, NordSec 2015, Stockholm, Sweden, October 19-21, 2015 : proceedings 2015 / p. 3-10 : ill https://doi.org/10.1007/978-3-319-26502-5_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Conceptual test bench for small class unmanned autonomous vehicle performance estimation

Pütsep, Kristjan; Rassõlkin, Anton; Vaimann, Toomas 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 695-698 : ill <https://doi.org/10.1109/PEMC48073.2021.9432509>

Conceptualising micro-credentials in the higher education research landscape. A literature review

Cartis, Alexandru; Leoste, Janika; Iucu, Romiță; Kikkas, Kaido; Tammemäe, Kalle; Männik, Katrin Polyphonic construction of smart learning ecosystems : proceedings of the 7th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 191-203 https://doi.org/10.1007/978-981-19-5240-1_13 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Conclusions and outlook : Chapter 14

Pevkur, Aive; Durst, Susanne Digital transformation for entrepreneurship 2024 / p. 243-247 https://doi.org/10.1142/9789811270178_0014 https://www.estee.ee/record=b5676637*est

Concurrent monads for shared state

Rivas, Exequiel; Uustalu, Tarmo Proceedings of the 26th International Symposium on Principles and Practice of Declarative Programming 2024 / art. 17 <https://doi.org/10.1145/3678232.3678249> [Article at Scopus](#) [Article at WOS](#)

Condition monitoring and fault detection for electrical machines using IOT

Raja, Hadi Ashraf; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants Proceedings of the Future Technologies Conference (FTC) 2022. Volume 2 2023 / p. 162-173 https://doi.org/10.1007/978-3-031-18458-1_12 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Conducted EMI emission evaluation considerations for test site and in-situ evaluation of DC microgrid supplied power converters

Kütt, Lauri; Daniel, Kamran; Sharma, Hetal; Parker, Martin; Chub, Andrii 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p <https://doi.org/10.1109/ICDCM63994.2025.11144729>

Confidences for commonsense reasoning.

Tammet, Tanel; Draheim, Dirk; Järv, Priit Automated Deduction - CADE 28 : 28th International Conference on Automated Deduction, Virtual Event, July 12-15, 2021 : proceedings 2021 / p. 507-524 https://doi.org/10.1007/978-3-030-79876-5_29 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Configuring data subjects

Dalmer, Nicole; Newman-Griffis, Denis; Ibrahimi, Mergime; Jia, Xiufeng; Allhutter, Doris; Amelang, Katrin; Jarke, Juliane Dialogues in data power : Shifting Response-abilities in a datafied world 2024 / p. 10-30 <https://doi.org/10.51952/9781529238327.ch001> <http://bristoluniversitypress.co.uk/dialogues-in-data-power>

Confined vortex rings

Danaila, Ionut; Kaplanski, Felix; Sazhin, Sergei Vortex Ring Models 2021 / p. 103 - 119 https://doi.org/10.1007/978-3-030-68150-0_5 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Conflict in cyberspace

Ottis, Rain Routledge Handbook of the Future of Warfare 2023 / p. 411-420 <https://www.taylorfrancis.com/chapters/edit/10.4324/9781003299011-43/conflict-cyberspace-rain-ottis?context=ubx&refId=85b71956-0de2-449f-b3d8-2625a9d6a971> <https://doi.org/10.4324/9781003299011-43>

Constitutionalism beyond the state : View from the Czech Perspective

Hamulak, Ondrej 2016 https://doi.org/10.1007/978-3-319-45351-4_2

Constrained intelligent frequency control in an AC Microgrid : an Online reinforcement learning based PID tuning approach

Nosrati, Komeil; Tepljakov, Aleksei; Petlenkov, Eduard; Škiparev, Vjatšeslav; Belikov, Juri; Levron, Yoash 2023 IEEE Power & Energy Society General Meeting (PESGM) 2023 / 5 p. : ill <https://doi.org/10.1109/PESGM52003.2023.10252482>

Constraints of radiocarbon dating in southeastern Baltic lagoons : assessing the vital effects

Bitinas, Albertas; Mažeika, Jonas; Buynevich, Ilya; Damušyte, Aldona; Molodkov, Anatoli; Grigienė, Alma Coastline changes of the Baltic Sea from south to east : past and future projection 2017 / p. 137-171 https://doi.org/10.1007/978-3-319-49894-2_8 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Construction of flat outputs of nonlinear discrete-time systems in a geometric and an algebraic framework

Kolar, Bernd; **Kaldmäe, Arvo**; Schöberl, Markus; **Kotta, Ülle**; Schlacher, Kurt IFAC-PapersOnLine 2016 / p. 796-801

<https://doi.org/10.1016/j.ifacol.2016.10.263> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Construction process and measuring initial dryout of PCM mortar in energy activated ETICS façade

Talvik, Martin; Ilomets, Simo; **Klõšeiko, Paul**; **Kalamees, Targo**; Heim, Dariusz Thermal performance of the exterior envelopes of whole buildings : Buildings XV Conference 2022 / p. 757-764 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85163701291&origin=inward&txGid=c83aa5cf70cab7322515343c3d634b25>

Construction site emissions : Exploring sustainable practices

Tetik, Müge; **Pikas, Ergo**; **Koskela, Lauri Jaakko**; **Vendel, Kādi-Riin** Proceedings of the 33rd Annual Conference of the International Group for Lean Construction (IGLC33) 2025 / p. 1208-1218 <https://doi.org/10.24928/2025/0127>

Constructive final semantics of finite bags

Joram, Philipp; **Veltri, Niccolò** 14th International Conference on Interactive Theorem Proving, ITP 2023, Bialystok, 31 July 2023 - 4 August 2023 2023 / art. 20, 19 p <https://doi.org/10.4230/LIPIcs.ITP.2023.20> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Contact center in a smart cities view : a comparative case study of Curitiba (Brazil), Porto Alegre (Brazil) and Philadelphia (USA)

Macadar, Marie Anne; Lheureux-De-Freitas, Jorge; **Schuch de Azambuja, Luiza**; Luciano, Edimara Mezzomo ICEGOV '15-16 : proceedings of the 9th International Conference on Theory and Practice of Electronic Governance : March 2016 2016 / p. 215-222 <http://dx.doi.org/10.1145/2910019.2910063>

Contact stiffness parameters for finite element modeling of contact

Sivitski, Alina; **Põdra, Priit** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 211-216 : ill https://www.ester.ee/record=b5235278*est <https://www.scientific.net/KEM.799.211> <https://doi.org/10.4028/www.scientific.net/KEM.799.211> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Container combinatorics : monads and lax monoidal functors

Uustalu, Tarmo Topics in Theoretical Computer Science : Second IFIP WG 1.8 International Conference, TTCS 2017, Tehran, Iran, September 12-14, 2017 : proceedings 2017 / p. 91-105 : ill https://doi.org/10.1007/978-3-319-68953-1_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Contextual equivalence for signal flow graphs

Bonchi, Filippo; Piedeleu, Robin; **Sobocinski, Pawel Maria**; Zanasi, Fabio Foundations of Software Science and Computation Structures : 23rd International Conference, FOSSACS 2020, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2020, Dublin, Ireland, April 25-30, 2020 : proceedings 2020 / p. 77-96 https://doi.org/10.1007/978-3-030-45231-5_5 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Continuity, connectivity and regularity in spatial diagrams for N terms

Moktefi, Amirouche; **Bellucci, Francesco**; **Pietarinen, Ahti-Veikko** DLAC 2013 : Diagrams, Logic and Cognition : proceedings of the First International Workshop on Diagrams, Logic and Cognition : Kolkata, India, October 28-29, 2013 2013 / p. 31-35 : ill <https://ceur-ws.org/Vol-1132/paper5.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Continuous automated ventilation heat recovery efficiency performance assessment using building monitoring system

Kull, Tuule Mall; **Mikola, Alo**; **Tukia, Andres**; **Köse, Ahmet**; **Petlenkov, Eduard**; **Thalfeldt, Martin** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10006, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124610006> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Continuous improvement of the digital Last Planner System whiteboard

Pikas, Ergo; Jaagant, Rasmus; **Koskela, Lauri Jaakko** Proceedings of the 33rd Annual Conference of the International Group for Lean Construction (IGLC 33) 2025 / p. 846-856 <https://doi.org/10.24928/2025/0209>

Contractive signatures with recursive types, type parameters, and abstract types

Im, Hyeonseung; **Nakata, Keiko**; Park, Sungwoo Automata, Languages, and Programming : 40th International Colloquium, ICALP 2013, Riga, Latvia, July 8-12, 2013, Proceedings, Part II 2013 / p. 299 - 311 https://doi.org/10.1007/978-3-642-39212-2_28 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Contributing to a digital single market for Europe: barriers and drivers of an EU-wide once-only principle

Kalvet, Tarmo; **Toots, Maarja**; **Krimmer, Robert Johannes** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / Article No. 45, 8 p <https://doi.org/10.1145/3209281.3209344> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Contributions to ventilation system demand response: a case study of an educational building

Maask, Vahur; Mikola, Alo; Korõtko, Tarmo; Rosin, Argo; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 11001, 6 p <https://doi.org/10.1051/e3sconf/202124611001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Control of multiport partial power converters for PV-battery systems integration in DC microgrids

Yadav, Neelesh; Mitra, Tuhin; Makkieh, Ahmad; Chub, Andrii 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 6 p <https://doi.org/10.1109/ICDCM63994.2025.11144705>

Control of pick-and-place robots with reduced power consumption

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 4 p <https://doi.org/10.1109/RTUCON60080.2023.10413180>

Control scheme of a Three-Phase Three-Level NPC qZ-Source inverter with LCL filter for RES applications

Roncero-Sanches, Pedro; Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Makovenko, Elena** Proceedings of the IECON 2016 - 42nd Annual Conference of the IEEE Industrial Electronics Society : Florence, Italy, October 24-27 2016 2016 / p. 6540-6547 <https://doi.org/10.1109/IECON.2016.7793338> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Controllable limiter of signal amplitudes for bioimpedance measurements

Ojarand, Jaan; Min, Mart EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 920-923 : ill https://doi.org/10.1007/978-981-10-5122-7_230 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Convergence of IoT, Cyber-Physical Systems, and Mechatronics in Industry 4.0 Digitalization

Prokopenko, Olha; Järvis, Marina; Omelyanenko, Vitaliy; Maslov, Anatoliy; Lopes, Helena Innovations in Industrial Engineering IV 2025 / p. 48-65 https://link.springer.com/chapter/10.1007/978-3-031-94484-0_5#citeas https://doi.org/10.1007/978-3-031-94484-0_5

Conversion error of second order polynomial ZIP to exponential load model conversion

Leinakse, Madis; Kilter, Jako Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MEDPOWER 2018) : Dubrovnik, Croatia, 12-15 November 2018 2018 / 5 p <https://doi.org/10.1049/cp.2018.1882>

Converter state-space model estimation using dynamic mode decomposition

Suskis, Pavels; Zakis, Janis; Suzdalenko, Alexander; Khang, Huynh Van; **Rassõlkin, Anton; Vaimann, Toomas;** Pomarnacki, Raimondas 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 5 I <https://doi.org/10.1109/ENERGYCON53164.2022.9830201>

Convolutional neural networks for false positive reduction of automatically detected cilia in low magnification TEM images

Gupta, Anindya; Suveer, Amit; Lindblad, Joakim; Dragomir, Anca; Sintorn, Ida-Maria; Sladoje, Nataša Image Analysis, 20th Scandinavian Conference, SCIA 2017, Tromsø, Norway, June 12–14, 2017 : proceedings, Part I 2017 / p. 407-418 : ill https://doi.org/10.1007/978-3-319-59126-1_34 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cooperative control of flywheel energy storage system and diesel generator for frequency regulation of microgrids using digital FIR filters

Faraji, M.; Mahdavi, Mohammad Saeed; **Gharehpetian, Gevork B.; Ahmadihangar, Roya; Rosin, Argo** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227448>

Coordinated PI-based frequency deviation control of isolated hybrid microgrid : an online multi-agent tuning approach via reinforcement learning

Nosrati, Komeil; Tepljakov, Aleksei; Petlenkov, Eduard; Levron, Yoash; **Škiparev, Vjatšeslav; Belikov, Juri** 2022 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) : proceedings 2022 / p. 1-5 : ill <https://doi.org/10.1109/ISGT-Europe54678.2022.9960311>

The coordination of digital government platforms : The role of administrative tradition and collaboration history

Breaugh, Jessica; **Nõmmik, Steven** Collaborating for Digital Transformation : How Internal and External Collaboration Can Contribute to Innovate Public Service Delivery 2024 / p. 81-102 <https://doi.org/10.4337/9781803923895.00014>

Coping with reverberant acoustics in singing by extending the plosive closures in vowel-plosive-vowel sequences

Vurma, Allan; **Meister, Einar; Meister, Lya;** Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri 5th International Symposium on Applied Phonetics (ISAPh 2024), 30 September - 2 October 2024, Tartu, Estonia 2024 / p. 115-120 : ill <https://doi.org/10.21437/ISAPh.2024-22>

Cornering optics

Boisseau, Guillaume; Nester, Chad Mitchell; Roman Garcia, Mario Proceedings Fifth International Conference on Applied

Category Theory (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 97-110 : ill <https://doi.org/10.4204/EPTCS.380.6>
<https://cgi.cse.unsw.edu.au/~eptcs/paper.cgi?ACT2022.6.pdf> Conference proceedings at Scopus Article at Scopus Article at WOS

Corporate governance as a corporate social responsibility reporting determinant

Tapver, Triinu Eurasian economic perspectives : proceedings of the 28th Eurasia Business and Economics Society Conference 2020 / p. 113-128 https://doi.org/10.1007/978-3-030-48531-3_8 Conference proceeding at Scopus Article at Scopus Article at WOS

Correlation between EEG functional connectivity and fasting blood glucose in healthy subjects

Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Pöld, Toomas; Bachmann, Maie 2024 46th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2024 / p. 1 - 4 <https://ieeexplore.ieee.org/document/10781613>
<https://doi.org/10.1109/EMBC53108.2024.10781613>

Corrosive effects of H2S and NH3 on natural gas piping systems manufactured of carbon steel

Latõšov, Eduard; Maaten, Birgit; Loorits, Mihkel; Volkova, Anna; Soosaar, Sulev Energy procedia 2017 / p. 316-323
<https://doi.org/10.1016/j.egypro.2017.08.319> Conference proceedings at Scopus Article at Scopus Article at WOS

Cost optimal energy performance

Kurnitski, Jarek Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 47-56 : ill https://doi.org/10.1007/978-1-4471-5610-9_4 Article collection metrics at Scopus Article at Scopus

Cost reduction of the new NZEB Wooden building – case study of the kindergarten in Estonia

Arumägi, Endrik; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213002> Conference proceedings at Scopus Article at Scopus Article at WOS

Cost-effective fault tolerance for CNNs using parameter vulnerability based hardening and pruning

Ahmadilivani, Mohammad Hasan; Mousavi, Seyedhamidreza; Raik, Jaan; Daneshtalab, Masoud; Jenihhin, Maksim 2024 IEEE 30th International Symposium on On-line Testing and Robust System Design (IOLTS) : IOLTS 2024 : July 03rd-05th 2024, Rennes, Brittany, France 2024 / 7 p <https://doi.org/10.1109/IOLTS60994.2024.10616072> Article at Scopus Article at WOS

Cost-effective piggyback forward dc-dc converter

Matiushkin, Oleksandr; Husev, Oleksandr; Afshari, Hossein; Vinnikov, Dmitri; Strzelecki, Ryszard 2024 IEEE Applied Power Electronics Conference and Exposition (APEC) 2024 / p. 2106-2111 <https://doi.org/10.1109/APEC48139.2024.10509355> Conference proceedings at Scopus Article at Scopus Article at WOS

Cost-efficient improvement of power system's reliability within limited funds

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p <https://doi.org/10.1109/RTUCON62997.2024.10830808>

Cost-efficient real-time condition monitoring and fault diagnostics system for BLDC motor using IoT and Machine learning

Raja, Hadi Ashraf; Raval, Hardik; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Belahcen, Anouar Diagnostika '22 : 2022 International Conference on Diagnostics in Electrical Engineering : conference proceedings 2022 / 4 p.
<https://doi.org/10.1109/Diagnostika55131.2022.9905102>

Coupling and electrodes

Metshein, Margus Bioimpedance and Spectroscopy 2021 / p. 3-50 : ill <https://doi.org/10.1016/B978-0-12-818614-5.00010-2>
<https://ebookcentral.proquest.com/lib/tuee/reader.action?docID=6644985&ppg=48>

Course implementation : value-added mode

Kukk, Vello Learning Technology for Education in Cloud : The Changing Face of Education : 5th International Workshop, LTEC 2016, Hagen, Germany, July 25-28, 2016 : proceedings 2016 / p. 265-273 : ill https://doi.org/10.1007/978-3-319-42147-6_22 Conference Proceedings at Scopus Article at Scopus Article at WOS

Covalent coupling of ionic liquid to carbon nanotubes : preparation and tribological properties

Taaber, Triinu; Põhako-Esko, Kaija; Antonov, Maksim; Veinthal, Renno Materials Research Society symposium proceedings 2014 / p. UU06-30 : ill <https://doi.org/10.1557/opl.2014.539> Conference proceedings at Scopus Article at Scopus

Coverage analysis of NB-IoT and sigfox : two Estonian University campuses as a case study

Poddar, Nishant; Mass, Jakob; Khan, Sikandar Muhammad Zulqarnain 2020 16th International Wireless Communications & Mobile Computing Conference (IWCMC) : Limassol, Cyprus, June 15 - 19, 2020 2020 / p. 1491-1497 : ill
<https://doi.org/10.1109/IWCMC48107.2020.9148570>

Covering an unknown area with an RFID-enabled robot swarm

Puusepp, Andres; Tammet, Tanel; Reilent, Enar Mechanical design and power engineering 2014 / p. 1157-1162
<https://doi.org/10.4028/www.scientific.net/AMM.490-491.1157> Article at Scopus Article at WOS

Covering concept lattices with concept chains

Torim, Ants; Mets, Marko; Raun, Kristo Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1–4, 2019 : proceedings 2019 / p. 190-203 : ill https://doi.org/10.1007/978-3-030-23182-8_14 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

COVID-19's impact on the quality of educational process and the academic performance as viewed by IT students : a case study in text mining

Dunajeva, Olga; Pentel, Avar; Maksimova, Natalja ICL 2021: Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 417-425 https://doi.org/10.1007/978-3-030-93904-5_42 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Creating and detecting IPv6 transition mechanism-based information exfiltration covert channels

Blumbergs, Bernhards; Pihelgas, Mauno; Kont, Markus; Maennel, Olaf Manuel; Vaarandi, Risto Secure IT Systems : 21st Nordic Conference, NordSec 2016, Oulu, Finland, November 2-4, 2016 : proceedings 2016 / p. 85-100 : ill https://doi.org/10.1007/978-3-319-47560-8_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Creation of digital twin models for renovation: an integrative literature review

Löhmus, Daniel; Pikas, Ergo Proceedings of the 2023 European Conference on Computing in Construction and the 40th International CIB W78 Conference 2023 / art. 303649 <https://doi.org/10.35490/EC3.2023.307>

Creation of smart-contracting collaborations for decentralized autonomous organizations

Norta, Alexander Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 3-17 https://doi.org/10.1007/978-3-319-21915-8_1 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Crisis : a philosophical insight

Pevkur, Aive Crisis management for small and medium-sized enterprises (SMEs) : strategies for external crises 2022 / p. 29-43 : ill https://doi.org/10.1007/978-3-030-91727-2_4 https://link.springer.com/chapter/10.1007/978-3-030-91727-2_4

Crisis leadership : what do we know by now?

Durst, Susanne; Dinler, Ezgi; Ulvenblad, Pia Tourism Risk 2022 / p. 21–38 <https://doi.org/10.1108/978-1-80117-708-520221003>

Crisis management : from a theoretical point of view

Durst, Susanne; Henschel, Thomas Crisis management for small and medium-sized enterprises (SMEs) : strategies for external crises 2022 / p. 9-14 https://doi.org/10.1007/978-3-030-91727-2_2

Crisis management and leadership : a search for competencies in SMEs

Järvis, Marina; Reinhold, Karin Crisis Management for Small and Medium-Sized Enterprises (SMEs) : strategies for external crises 2022 / p. 59-76 : ill https://doi.org/10.1007/978-3-030-91727-2_6

Crisis management from the perspective of sustainable supply chains

Peterson, Jana; Gerstlberger, Wolfgang Dieter Crisis management for small and medium-sized enterprises (SMEs) : strategies for external crises 2022 / p. 77-100 : ill https://doi.org/10.1007/978-3-030-91727-2_7

Crisis management in the public sector in times of COVID-19 : insights from Peru

Durst, Susanne; Acuache, Mariano Martin Genaro Palacios; Gerstlberger, Wolfgang Dieter Crisis management for small and medium-sized enterprises (SMEs) : strategies for external crises 2022 / p. 119-140 https://doi.org/10.1007/978-3-030-91727-2_9

Crisis management practices in small- and medium-sized firms

Durst, Susanne; Henschel, Thomas; Salzmann, Johanna Crisis management for small and medium-sized enterprises (SMEs) : strategies for external crises 2022 / p. 15-27 : ill https://doi.org/10.1007/978-3-030-91727-2_3

Crisis year 2020 : analysis of Finnish manufacturing companies' Twitter activity

Lähdeaho, Oskari; Hilimola, Olli-Pekka Kristian Human Centred Intelligent Systems : Proceedings of KES-HCIS 2021 Conference 2021 / p. 36–45 https://doi.org/10.1007/978-981-16-3264-8_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Critical legal insight into the EU's Hydrogen Strategy

Keypour, Javad; Kerikmäe, Tanel; Chochia, Archil Changing the paradigm of energy geopolitics : security, resources and pathways in light of global challenges 2023 / p. 107–116 <https://doi.org/10.3726/b18776>

A critical retelling of the implementing of telepresence robots to enhance learners' collaboration : through a posthumanist new materialist and intersectionalist lens

Leoste, Janika; Burnard, Pamela; Harris, Dan; Virkus, Sirje; Blakeborough, Jessica; Fenyvesi, Kristof; Lavicza, Zsolt; Marmor, Kristel Education, development and intervention : toward participatory and integrated solutions 2024 / p. 117–132 https://link.springer.com/chapter/10.1007/978-3-031-60713-4_8 https://doi.org/10.1007/978-3-031-60713-4_8

Cross-border e-government services in Europe: expected benefits, barriers and drivers of the once-only principle

Kalvet, Tarmo; Toots, Maarja; Veenstra, Anne Fleur van; **Krimmer, Robert Johannes** ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 59-68
<https://doi.org/10.1145/3209415.3209458> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cross-disciplinary remote course for mixed group of students and professionals

Lähdeaho, Oskari; Hilmola, Olli-Pekka Kristian Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 3-12 https://doi.org/10.1007/978-3-030-68198-2_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Crystalline structure, surface morphology and optical properties of nanolamellar composites obtained by intercalation of InSe with Cd

Untila, Dumitru; Caraman, Iuliana; Evtodiev, Igor; Spalatu, Nicolae Energy procedia 2015 / p. 149-155 : ill
<https://doi.org/10.1016/j.egypro.2015.12.308> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Culturally-sensitive cybersecurity awareness program design for Iranian high-school students

Karimnia, Rooya; Maennel, Kaie; Shahin, Mahtab Proceedings of the 8th International Conference on Information Systems Security and Privacy (ICISSP), 9-11 February, 2022 2022 / p. 121-132 <https://doi.org/10.5220/0010824800003120>

Culture of fear : the decline of Europe in Russian political imagination

Mölder, Holger A Continent of conspiracies : conspiracy theories in and about Europe 2021 / p. 231-252
<https://doi.org/10.4324/9781003048640>

Current issues of Hague law

Tsybulenko, Evhen; Platonova, Anastassiya International conflict and security law : a research handbook 2022 / p. 389-397
https://doi.org/10.1007/978-94-6265-515-7_18

Current practice on power quality legislation within European transmission systems – results from Horizon 2020 project MIGRATE

Kilter, Jako; Trummal, Tarmo; Löper, Mari; Palu, Ivo 2020 19th International Conference on Harmonics and Quality of Power (ICHQP), 6-7 July 2020, Dubai, UAE 2020 <https://doi.org/10.1109/ICHQP46026.2020.9177907>

Current-fed dual inductor push-pull partial power converter

Abdelrahim Abdelghafour, Omar Mohamed; Vinnikov, Dmitri; Chub, Andrii; Blinov, Andrei 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 327-332
<https://doi.org/10.1109/PEMC51159.2022.9962937>

Current-fed partial power converter for photovoltaic applications in DC microgrids

Jalakas, Tanel; Kosenko, Roman; Chub, Andrii; Vinnikov, Dmitri; Blinov, Andrei IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / p. 1-5 : ill <https://doi.org/10.1109/IECON48115.2021.9589899> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Curricula reforms through structural reforms

Vaimann, Toomas; Rassõlkin, Anton; Palu, Ivo 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 1-5 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249084>

Curricula updates through students' participation in international competition

Valme, Daniil; Belolipetskaja, Diana; Rassõlkin, Anton; Leoste, Janika; Rүүtmann, Tiia Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 352-364 https://doi.org/10.1007/978-3-031-67059-6_31 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Curved Airgap Topology : A Promising Strategy for Enhancing Axial-Flux Machine Performance Metrics

Naseer, Muhammad Usman; Kallaste, Ants; Vaimann, Toomas; Asad, Bilal International Conference on the Computation of Electromagnetic Fields (COMPUMAG) 2025

Custom simplified machine learning algorithms for fault diagnosis in electrical machines

Raja, Hadi Ashraf; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Belahcen, Anouar Diagnostika '22 : 2022 International Conference on Diagnostics in Electrical Engineering : Conference proceedings 2022 / 4 p.
<https://doi.org/10.1109/Diagnostika55131.2022.9905174>

A cyber attack taxonomy for microgrid systems

Bahsi, Hayrettdin; Dola, Henry Ochieng; Khalil, Shaymaa Mamdouh; Korötko, Tarmo 2022 17th Annual System of Systems Engineering Conference (SOSE) 2022 / p. 324-331 <https://doi.org/10.1109/SOSE55472.2022.9812642>

Cyber hygiene : the big picture

Maennel, Kaie; Mäsés, Sten; Maennel, Olaf Manuel Secure IT Systems : 23rd Nordic Conference, NordSec 2018, Oslo, Norway, November 28–30, 2018 : proceedings 2018 / p. 291-305 : ill https://doi.org/10.1007/978-3-030-03638-6_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cyber range and digital twin technologies for space resiliency and security

Carlo, Antonio; Manti, Nebile Pelin; Edl, András; Bintang Alam Semesta Wisran, A.M.; Breda, Paola 57th IAA Symposium on Safety, Quality and Knowledge Management in Space Activities : held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 / p. 322-332 <https://doi.org/10.52202/078376-0032> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Cyber security risk analysis for a virtual assistant G2C digital service using FAIR model

Dreyling III, Richard Michael; **Jackson, Eric Blake**; **Pappel, Ingrid** 2021 Eighth International Conference on eDemocracy & eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 / p. 33-40 <https://doi.org/10.1109/ICEDEG52154.2021.9530938>

Cyber threats to space communications : space and cyberspace policies

Carlo, Antonio Outer Space and Cyber Space : Similarities, Interrelations and Legal Perspectives 2021 / p. 55-66 https://doi.org/10.1007/978-3-030-80023-9_4

Cyber warfare

Ottis, Rain Cyber security : analytics, technology and automation 2015 / p. 89-96 https://doi.org/10.1007/978-3-319-18302-2_6 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Cyber vulnerabilities and risks of AI technologies in space applications

Breda, Paola; Abidin, Adam; Markova, Rada; Jha, Devanshu; **Carlo, Antonio**; Pelin Manti, Nebile IAC 2022 congress proceedings 2022 / art. 70380 <https://dl.iafastro.directory/event/IAC-2022/paper/70380/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

CyberEscape approach to advancing hard and soft skills in cybersecurity education

Pirta-Dreimane, Rūta; Brilingaitė, Agnė; Rojonen, Evita; Parish, Karen; Grabis, Janis; **Lugo, Ricardo Gregorio**; Bonders, Martiņš Augmented Cognition: 17th International Conference, AC 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23-28, 2023, Proceedings 2023 / p. 441-459 https://doi.org/10.1007/978-3-031-35017-7_28

Cyber-physical control system for autonomous logistic robot

Pikner, Heiko; **Sell, Raivo**; **Karjust, Kristo**; **Malayjardi, Ehsan**; **Velsker, Tarmo** 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 699-704 : ill <https://doi.org/10.1109/PEMC48073.2021.9432526>

Cyber-physical microgrids : toward flexible energy districts

Rosin, Argo; **Ahmadihangar, Roya**; Martins, Joao; Sahoo, Subham; Blaabjerg, Frede Cyber Security for Microgrids 2022 / p. 161-178 : ill https://doi.org/10.1049/PBPO196E_ch8

CyberPin - Challenges on recognizing youngest cyber talents

Lorenz, Birgy; **Kikkas, Kaido**; **Talisainen, Aleksei**; Eomäe, Taavi HCI for Cybersecurity, Privacy and Trust : Third International Conference, HCI-CPT 2021, Held as Part of the 23rd HCI International Conference, HCII 2021, Virtual Event, July 24-29, 2021 : proceedings 2021 / p. 326-336 https://doi.org/10.1007/978-3-030-77392-2_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Cybersecurity test range for autonomous vehicle shuttles

Roberts, Andrew James; **Snetkov, Nikita**; **Maennel, Olaf Manuel** 2021 IEEE European Symposium on Security and Privacy Workshops EuroS&PW 2021 : Virtual Conference, 6-10 September 2021 : proceedings 2021 / p. 239-248 : ill <https://doi.org/10.1109/EuroSPW54576.2021.00031>

Cybersecurity threats to space : from conception to the aftermaths

Bonnart, Sebastien; Capurso, Andrea; **Carlo, Antonio**; Dethlefsen, Thea Flem; Kerolle, Mclee; Lim, Jonathan; Pickard, Aaron; Russo, Antonia; Zarkan, Laetitia Cesari Space law in a networked world 2023 / p. 39-101 https://doi.org/10.1163/9789004527270_004

Cybersecurity within the curricula of informatics : the Estonian perspective

Lorenz, Birgy; **Kikkas, Kaido**; **Sömer, Tiia**; **Laugasson, Edmund** Informatics in Schools. New Ideas in School Informatics : 12th International Conference on Informatics in Schools : Situation, Evolution, and Perspectives, ISSEP 2019, Larnaca, Cyprus, November 18-20, 2019 : proceedings 2019 / p. 159-171 https://doi.org/10.1007/978-3-030-33759-9_13 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Cycle-skipping technique based on sigma-delta modulation in series resonant DC transformer

Pittala, Lohith Kumar; **Chub, Andrii**; Sidorov, Vadim; **Khan, Salman**; Ricco, Mattia; Mandrioli, Riccardo 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p <http://ieeexplore.ieee.org/document/11144699> <https://doi.org/10.1109/ICDCM63994.2025.11144699>

Cyclic loading of TiCN coating by Vickers indentation

Saarna, Mart; **Lind, Liina**; **Peetsalu, Priidu**; **Sergejev, Fjodor** Engineering materials and tribology XXV 2017 / p. 425-429 <https://doi.org/10.4028/www.scientific.net/KEM.721.425> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Cylindrical blades Magnus wind turbine optimization and control system

Alassaf, Omar; Lukin, Aleksandr; **Demidova, Galina**; Kozlov, Gleb; Volkhontsev, Andrey; Poliakov, Nikolai 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1-5
<https://doi.org/10.1109/IWED54598.2022.9722582>

DACA : automated attack scenarios and dataset generation

Korving, Frank; Vaarandi, Risto Proceedings of the 18th International Conference on Cyber Warfare and Security, ICCWS 2023, a conference hosted by Towson University, Baltimore County, Maryland, USA, 9-10 March 2023 2023 / p. 550-559 : ill
<https://papers.academic-conferences.org/index.php/iccws/article/download/962/938> <https://doi.org/10.34190/iccws.18.1.962>

Damping of acoustic waves in straight ducts and turbulent flow conditions

Tiikaja, Heiki; Auremma, Fabio; Lavrentjev, Jüri SAE Technical Paper Series : 9th International Styrian Noise, Vibration & Harshness Congress : The European Automotive Noise Conference 2016 / Paper 2016-01-1816, p. 1-9 : ill
<https://doi.org/10.4271/2016-01-1816> [Conference Proceedings at Scopus](#) [Article at scopus](#)

Dances with the Illuminati: Hands on social engineering in a classroom setting

Mäses, Sten; Lorenz, Birgy; Kikkas, Kaido; Karmo, Kristjan New Perspectives in Behavioral Cybersecurity: Human Behavior and Decision-Making Models 2024 / 7 p <https://doi.org/10.1201/9781003415060-7>

Danish, Estonian and Finnish NZEB requirements comparison with European Commission recommendations for office buildings in Nordic and Oceanic climates

Simson, Raimo; Arumägi, Endrik; Thomsen, Kirsten Englund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conferences : The 16th ROOMVENT Conference (ROOMVENT 2022) 2022 / art. 01017 <https://doi.org/10.1051/e3sconf/202235601017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Das estnische E-Residenz-Programm als Brücke zwischen Ost und West

Hoffmann, Thomas Recht als Brücke zwischen Ost und West - Festschrift für Prof. Dr. Alexander Trunk zum 65. Geburtstag 2022 / S. 203-208 <https://doi.org/10.35998/9783830555193>

Data augmentation and teacher-student training for LF-MMI based robust speech recognition

Ullah, Asad; Alumäe, Tanel Text, Speech, and Dialogue : 21st International Conference, TSD 2018, Brno, Czech Republic, September 11-14, 2018 : proceedings 2018 / p. 403-410 https://doi.org/10.1007/978-3-030-00794-2_43 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Data driven ecosystem - perspectives and problems

Jaakkola, Hannu; **Henno, Jaak**; Soini, Jari Proceedings of the 4th Workshop of Software Quality, Analysis, Monitoring, Improvement, and Applications (SQAMIA 2015) : Maribor, Slovenia, 8.-10.6.2015 2015 / p. 17-26 : ill
https://www.academia.edu/72389682/Data_Driven_Ecosystem_Perspectives_and_Problems?uc-sb-sw=31216477 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Data exchange for digital government: Where are we heading? ADBIS2021 Keynote

Draheim, Dirk Advances in Databases and Information Systems : 25th European Conference, ADBIS 2021, Tartu, Estonia, August 24–26, 2021 : proceedings 2021 / p. 7-12 https://doi.org/10.1007/978-3-030-82472-3_2 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Data integration patterns for data warehouse automation

Tomingas, Kalle; Kliimask, Margus; **Tammet, Tanel** New Trends in Database and Information Systems II : selected papers of the 18th East European Conference on Advances in Databases and Information Systems and Associated Satellite Events, ADBIS 2014 Ohrid, Macedonia, September 7-10, 2014 : proceedings. II 2015 / p. 41-55 https://doi.org/10.1007/978-3-319-10518-5_4 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Data protection chapter

Salumaa-Lepik, Kärt vt. ka Salumaa, Kärt; Nisu, Nele Digital development of the European Union : an interdisciplinary perspective 2023 / p. 145-168 https://doi.org/10.1007/978-3-031-27312-4_10 https://www.ester.ee/record=b5557935*est

Data quality problem in AI-based network intrusion detection systems studies and a solution proposal

Halisdemir, Emre; Karacan, Hacer; **Pihelgas, Mauno; Lepik, Toomas**; Cho, Sungbaek 14th International Conference on Cyber Conflict : Keep Moving 2022 / p. 367-383 https://ccdcoe.org/uploads/2022/06/CyCon_2022_book.pdf

Data science-based techniques for modelling and diagnostics of battery cells based on end-of-life criteria

Zequera, Rolando Antonio Gilbert; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants 2023 International Conference on Electrical Drives and Power Electronics (EDPE) 2023 / 6 p <https://doi.org/10.1109/EDPE58625.2023.10274007>

Data structures for topologically sound higher-dimensional diagram rewriting

Hadzihasanovic, Amar; Kessler, Diana-Maria 5th International Conference on Applied Category Theory, ACT 2022, Hybrid,

Glasgow, 18-22 July 2022 2023 / p. 111-127 : ill <https://doi.org/10.4204/EPTCS.380.7> Conference proceedings at Scopus Article at Scopus Article at WOS

Database driven updatable hydraulic model for decision making

Koor, Margus; Puust, Raido; Vassiljev, Anatoli Procedia engineering 2014 / p. 959-968 : ill <https://doi.org/10.1016/j.proeng.2014.02.107> Conference proceedings at Scopus Article at Scopus Article at WOS

Data-based energy provision for smart cities

Soe, Ralf-Martin Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 319-328 https://doi.org/10.1007/978-3-319-69784-0_27 Conference proceedings at Scopus Article at Scopus Article at WOS

A data-centric algorithm for identifying use cases

Eessaar, Erki Software Engineering Perspectives and Application in Intelligent Systems : proceedings of the 5th Computer Science On-line Conference 2016 (CSOC2016), Vol 2 2016 / p. 303-316 https://doi.org/10.1007/978-3-319-33622-0_28 Conference Proceedings at Scopus Article at Scopus Article at WOS

Data-driven approaches based microwave filter tuning - a review

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv Advances in Artificial-Business Analytics and Quantum Machine Learning : Select Proceedings of the 3rd International Conference, Com-IT-Con 2023, Volume 2 2024 / p. 273-286 https://doi.org/10.1007/978-981-97-4860-0_22 Conference proceedings at Scopus Article at Scopus

Data-driven control for nonlinear automated vehicles with multi-description coding for handling data dropouts

Zhang, Shuhua; Ma, Lifeng; **Charalambous, Themistoklis** 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 7387 - 7392 <https://doi.org/10.1109/CDC56724.2024.10886494> Conference proceedings at Scopus Article at Scopus

Data-driven cross-layer fault management architecture for sensor networks

Vihman, Lauri; Kruusmaa, Maarja; Raik, Jaan 16th European Dependable Computing Conference : EDCC 2020 : Virtual Conference, Munich, Germany, 7-10 September 2020 : proceedings 2020 / art. 20094188, p. 33-40 <https://doi.org/10.1109/EDCC51268.2020.00015>

Data-driven model for real-time evaluating capacity of commercial buildings to participate in the demand response

Belikov, Juri; Matskevich, Aliaksei; **Köse, Ahmet; Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 04001, 12 p <https://doi.org/10.1051/e3sconf/202456204001> Conference proceedings at Scopus Article at Scopus Article at WOS

Day-ahead PV output power forecasting utilizing boosting recursive lightGBM-LSTM framework

Hokmabad, Hossein Nouroollahi; Husev, Oleksandr; Vinnikov, Dmitri; Belikov, Juri; Petlenkov, Eduard IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 5 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10408090>

DC droop control strategies and tuning principles

Roasto, Indrek; Blinov, Andrei; Vinnikov, Dmitri; Mackay, Laurens; **Jalakas, Tanel** 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 <https://doi.org/10.1109/RTUCON60080.2023.10412947>

DC fast charging of electric vehicles : a review on architecture and power conversion technology

Arena, Gabriele; **Emiliani, Pietro; Chub, Andrii; Vinnikov, Dmitri**; de Carne, Giovanni 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227492>

DC grid interface converter based on three-phase isolated matrix topology with phase-shift modulation

Emiliani, Pietro; Blinov, Andrei; Chub, Andrii; de Carne, Giovanni; **Vinnikov, Dmitri** 2022 IEEE 13th International Symposium on Power Electronics for Distributed Generation Systems (PEDG) 2022 / 6 l. <https://doi.org/10.1109/PEDG54999.2022.9923256>

Dc leakage current in isolated grid-connected dc nanogrid - origins and elimination methods

Azizi, Mohammadreza; **Husev, Oleksandr**; Veligorskyi, Oleksandr; Turzvnski, Marek; Strzelecki, Ryszard 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604426>

DC microgrid: state of art, driving force, challenges and perspectives

Husev, Oleksandr; Vinnikov, Dmitri Power Systems Research and Operation : Selected Problems III 2024 / p. 149-190 https://doi.org/10.1007/978-3-031-44772-3_8 Article collection metrics at Scopus Article at Scopus

DC nano grid control in the residential energy router with the presence of constant power loads

Najafzadeh, Mahdiyyeh; Vinnikov, Dmitri; Husev, Oleksandr; Roasto, Indrek 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / p. 1-6 <https://doi.org/10.1109/ENERGYCON53164.2022.9830523>

DC-link capacitor minimization in residential energy router through battery utilization

Najafzadeh, Mahdiyyeh; Vinnikov, Dmitri; Husev, Oleksandr; Jalakas, Tanel; Roasto, Indrek 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Florence, Italy, 14-16 July 2021 2021 / p. 1-6 : ill <https://doi.org/10.1109/CPE-POWERENG50821.2021>

DC-ready flyback-based micro-converter

Afshari, Hossein; Husev, Oleksandr; Matiushkin, Oleksandr; Vinnikov, Dmitri; Roncero-Clemente, Carlos 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604344>

DC-ready photovoltaic solar converter

Matiushkin, Oleksandr; Husev, Oleksandr; Vinnikov, Dmitri; Kurnitski, Jarek PCIM Europe 2023 : Conference proceedings 2023 / 7 p <https://doi.org/10.30420/566091094> [Conference proceedings at Scopus](#) [Article at Scopus](#)

De Gaulle: the role of the member states in the European Union

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 195-206 https://doi.org/10.1007/978-3-030-96662-1_17

Dead-beat-based model predictive current control for the dual-purpose dc-dc/ac PWM modular power converter

Roncero-Clemente, Carlos; Escalona, Javier-Gutierrez; Pires, V. Fernao; **Matiushkin, Oleksandr**; Milanés-Montero, Maria Isabel; Romero-Cadaval, Enrique 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604328>

Dealing with data streams: Complex event processing vs. data stream mining

Lange, Moritz; Koschel, Arne; **Astrova, Irina** Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 3-14 https://doi.org/10.1007/978-3-030-58811-3_1 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Decarbonisation of Estonian oil shale industry : framework and categories definition

Eldermann, Meelis; Siirde, Andres; Gušča, Julija Energy procedia 2017 / p. 77-81 : ill <https://doi.org/10.1016/j.egypro.2017.04.020> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Decentralized governance for smart contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm

Deval, Vipin; Norta, Alexander; Dai, Patrick; Mahi, Neil; Earls, Jordan Blockchain Technology and Innovations in Business Processes 2021 / p. 67–93 https://doi.org/10.1007/978-981-33-6470-7_5 [Collection metrics at Scopus](#) [Article at Scopus](#)

Decision making and strategic planning for disaster preparedness with a multi-criteria-analysis decision support system

Schlobinski, Sascha; Zuccaro, Giulio; Scholl, Martin; Meiers, Daniel; Denzer, Ralf; Guarino, Sergio; Engelbach, Wolf; **Taveter, Kuldar**; Frysinger, Steven Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 178-186 : ill https://doi.org/10.1007/978-3-319-15994-2_17 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Decision-making method for sound volume control in the 'Smart House' system

Hovorushchenko, Tetiana; Aleksov, Serhii; **Boyarchuk, Artem** 2024 IEEE 19th International Conference on Computer Science and Information Technologies (CSIT) : proceedings, 16-19 October 2024, Lviv, Ukraine 2024 / 4 p. <https://doi.org/10.1109/CSIT65290.2024.10982549> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Decision-making support for necessity/optionality/contraindication of vaccination against covid-19 considering legal norms

Hnatchuk, Yelyzaveta; Hovorushchenko, Tetiana; Misiats, Andrii; Herts, Alla; **Boyarchuk, Artem** IDDM 2022 : Proceedings of the 5th International Conference on Informatics and Data-Driven Medicine 2022 / p. 202–213 <https://ceur-ws.org/Vol-3302/> <https://ceur-ws.org/Vol-3302/paper12.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Decomposing comonad morphisms

Ahman, Danel; **Uustalu, Tarmo** 8th Conference on Algebra and Coalgebra in Computer Science : CALCO 2019, University College London, United Kingdom, 3-6 June 2019 2019 / art. 14 ; 20 p <https://doi.org/10.4230/LIPIcs.CALCO.2019.14> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Decomposing of cardiac and respiratory signals from electrical bio-impedance data using filtering method

Mughal, Yar M. The International Conference on Health Informatics : ICHI 2013, Vilamoura, Portugal on 7-9 November, 2013 2014 / p. 252-255 : ill https://doi.org/10.1007/978-3-319-03005-0_64 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dedicated to the memory of Prof. M. Sheinkman effect of ultrasonic treatment on the defect structure of the Si-SiO2 system

Kropman, Daniel; Dolgov, Sergei; Onufrijevs, Pavels; Dauksta, Edvins Gettering and Defect Engineering in Semiconductor

Technology XV 2014 / p. 352-357 : ill <https://doi.org/10.4028/www.scientific.net/SSP.205-206.352> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Deductive systems and coherence for skew prounital closed categories

Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 1-19 <https://doi.org/10.48550/arXiv.2101.03809> Conference Proceedings at Scopus Article at Scopus Article at WOS

Deep CNN based classification of the Archimedes spiral drawing tests to support diagnostics of the Parkinson's disease

Nõmm, Sven; Zarembo, Sergei; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-Papers OnLine 2020 / p. 260-264 <https://doi.org/10.1016/j.ifacol.2021.04.185> Conference proceedings at Scopus Article at Scopus Article at WOS

Deep learning based audio-visual emotion recognition in a smart learning environment

Dunajeva, Olga; Pentel, Avar; Ivleva, Natalja; Juštšenko, Valeria Towards a Hybrid, Flexible and Socially Engaged Higher Education : proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), vol. 1 2024 / p. 420-431 https://doi.org/10.1007/978-3-031-51979-6_44 Conference proceedings at scopus Article at Scopus Article at WOS

Deep Learning Based Segmentation of Luria's Alternating Series Test to Support Diagnostics of Parkinson's Disease

Valla, Elli; Laur, Henry; Nõmm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro 2023 International Conference on Machine Learning and Applications (ICMLA) 2023 / p. 1066-1071 : ill <https://doi.org/10.1109/ICMLA58977.2023.00158>

Deep learning for detection of pavement distress using nonideal photographic images

Tepljakov, Aleksei; Riid, Andri; Pihlak, Rene; Vassiljeva, Kristina; Petlenkov, Eduard 2019 42nd International Conference on Telecommunications and Signal Processing (TSP) 2019 / p. 195-200 : ill <https://doi.org/10.1109/TSP.2019.8769086>

Deep learning-based detection of cyberattacks in software-defined networks

Mirsadeghi, Seyed Mohammad Hadi; Bahsi, Hayretdin; Inbouli, Wissem Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 341-354 https://doi.org/10.1007/978-3-031-36574-4_20

Deep padding and alignment strategies for irregular multivariate clinical time series

Bignoumba, Nzamba; Ben Yahia, Sadok; Mellouli, Nedra Procedia Computer Science 2024 / p. 3275 - 3284 <https://doi.org/10.1016/j.procs.2024.09.312> Conference proceedings at Scopus Article at Scopus

DeepAxe : a framework for exploration of approximation and reliability trade-offs in DNN accelerators

Taheri, Mahdi; Riazati, Mohamad; Ahmadilivani, Mohammad Hasan; Jenihhin, Maksim; Daneshtalab, Masoud; Raik, Jaan; Sjödin, Mikael; Lisper, Björn 2023 24th International Symposium on Quality Electronic Design (ISQED) 2023 / 8 p. : ill <https://doi.org/10.1109/ISQED57927.2023.10129353>

DeepFlexiHLS : Deep Neural Network Flexible High-Level Synthesis Directive Generator

Riazati, Mohammad; Daneshtalab, Masoud; Sjödin, Mikael; Lisper, Björn Riazati, M.; Daneshtalab, M.; Sjödin, M.; Lisper, B. 2022 / p. 1-6 <https://doi.org/10.1109/NorCAS57515.2022.9934617>

Deep-learning based blood cells classification and initial edge device implementation

Islam, Md. Raisul; Le Moullec, Yannick; Afrin, Fariha; Ahmed, Faisal 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. : ill <https://doi.org/10.1109/BEC56180.2022.9935610>

DeepVigor: Vulnerability Value RanGes and FactORs for DNNs' Reliability Assessment

Ahmadilivani, Mohammad Hasan; Taheri, Mahdi; Raik, Jaan; Daneshtalab, Masoud; Jenihhin, Maksim IEEE European Test Symposium (ETS) : Venice, Italy, 22-26 May 2023 : proceedings 2023 / 6 p. : ill <https://doi.org/10.1109/ETS56758.2023.10174133>

Defining requirements for a BIM-enabled learning environment

Witt, Emlyn David Qivitoq; Kähkönen, Kalle; Bragadin, Marco Alvis SDGs in Construction Economics and Organization : The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022 2023 / p. 237-250 https://doi.org/10.1007/978-3-031-25498-7_17 Conference proceedings at Scopus Article at Scopus

Deformation and energy absorption studies on FBCC and FBCCz lattice structures with symmetrical density gradients produced by L-PBF of Ti-6Al-4V alloy

Jagadeesh, B.; Duraiselvam, Muthukannan; Prashanth, Konda Gokuldoss Materials today: proceedings 2024 / 6 p <https://doi.org/10.1016/j.matpr.2024.02.008>

Deformation-burst schemes of 3-piece aerosol containers

Ratas, Kaarin; Peetsalu, Priidu Engineering materials & tribology XXII 2014 / p. 55-58 <https://doi.org/10.4028/www.scientific.net/KEM.604.55> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Degradation of 600-V 4H-SiC Schottky diodes under irradiation with 0.9 MeV electrons

Lebedev, Alexander A.; Davidovskaja, Klavdia; Kozlovski, Vitali V.; **Korolkov, Oleg; Sleptsuk, Natalja; Toompuu, Jana** Silicon Carbide and Related Materials 2016 : selected, peer reviewed papers from the 11th European Conference on Silicon Carbide and Related Materials 2016 (ECSCRM 2016), September 25-29, 2016, Halkidiki, Greece 2017 / p. 447-450 : ill
<https://doi.org/10.4028/www.scientific.net/MSF.897.447> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Degrading lists

McDermott, Dylan; Pirog, Maciej; **Uustalu, Tarmo** Proceedings of the 22nd International Symposium on Principles and Practice of Declarative Programming (PPDP 2020), Part of BOPL 2020 : The Bologna Federated Conference on Programming Languages, 8-10 September 2020 2020 / art. 6, 14 p <https://doi.org/10.1145/3414080.3414084> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The delay monad and restriction categories

Uustalu, Tarmo; Veltri, Niccolo Theoretical Aspects of Computing - ICTAC 2017 : 14th International Colloquium Hanoi, Vietnam, October 23-27, 2017 : proceedings 2017 / p. 32-50 https://doi.org/10.1007/978-3-319-67729-3_3 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Demand response in the German district heating system

Ju, Yuchen; Lindholm, Joakim; Verbeck, Moritz; **Jokisalo, Juha; Kosonen, Risto;** Janßenc, Philipp; Li, Yantong; Schafers, Hans; Nord, Natasa The 8th Conference of the Sustainable Solutions for Energy and Environment EENVIRO 2022 16/10/2022 - 21/10/2022 Bucharest, Romania 2023 / art. 012016 <https://doi.org/10.1088/1755-1315/1185/1/012016> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Demand side management for commercial buildings : multiple heating systems based optimization in real-time

Köse, Ahmet; Sukhanov, Ivan; **Belikov, Juri; Tepļakov, Aleksei; Petlenkov, Eduard** Proceedings of the 30th ICE IEEE/ITMC Conference on Engineering, Technology, and Innovation: Digital Transformation on Engineering, Technology and Innovation, ICE 2024 2024 IEEE International Conference on Engineering, Technology, and Innovation (ICE/ITMC) 2024 / 8 p
<https://doi.org/10.1109/ICE/ITMC61926.2024.10794302>

Demystifying the digital: A case for hybrid ethnography

Ens, Nicola; **Stein, Mari-Klara;** Jensen, Tina Blegind Cambridge handbook of qualitative digital research 2023 / p. 125-139
<https://doi.org/10.1017/9781009106436.012>

Denoising and extraction of partial discharge pulse characteristics using wavelet denoising and local maxima method

Choudhary, Maninder; Palu, Ivo; Kiitam, Ivar; Shafiq, Muhammad; **Taklaja, Paul;** Bhattarai, Abhinav 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 221-225 <https://doi.org/10.1109/PECon62060.2024.10827085>

Dependence of wear of Cu-Cr-S alloy on hardness and electrical conductivity in sliding electrical contact

Kommel, Lembit; Baroninš, Janis Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 229-233 : ill
<https://doi.org/10.4028/www.scientific.net/SSP.267.229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dependence of measured specific air leakage rate (qE50) on envelope pressure differences and measurement position: A case study in an apartment building in winter conditions

Klõšeiko, Paul; Arumägi, Endrik; Hallik, Jaanus; Kalamees, Targo Journal of Physics: Conference Series 2021 / art. 012229, 3 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dependence of the carrier removal rate in 4H-SiC PN structures on irradiation temperature

Lebedev, Alexander A.; Davydovskaya, Klavdia S.; Kozlovski, Vitali V.; **Korolkov, Oleg; Sleptsuk, Natalja; Toompuu, Jana** Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 730-733 <https://doi.org/10.4028/www.scientific.net/MSF.963.730> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Dependence of the EEG nonlinear coupling on the frequency bands and the segment lengths

Orgo, Laura; Bachmann, Maie; Kalev, Kaia; Järveldaid, Mari; **Raik, Jaan; Hinrikus, Hiie** EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 799-802 https://doi.org/10.1007/978-981-10-5122-7_200 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Depth control of the biomimetic U-CAT turtle-like AUV with experiments in real operating conditions

Chemori, Ahmed; **Kuusmik, Keijo; Salumäe, Taavi; Kruusmaa, Maarja** 2016 IEEE International Conference on Robotics and Automation : Stockholm, Sweden, May 16th-21st 2016 / p. 4750-4755 : ill <https://doi.org/10.1109/ICRA.2016.7487677> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Desalination using clay and lime sacrificial plasters with additives on field stone wall and fired clay bricks

Leiten, Kadri; Sirelpuu, Helari; **Kiviste, Mihkel** Journal of Physics: Conference Series 2021 / art. 012087 <https://doi.org/10.1088/1742-6596/2069/1/012087> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Description of practical load harmonic current emission due to voltage harmonic variation

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2021 / p. 1–6
<https://doi.org/10.1109/RTUCON53541.2021.9711594>

Design and discretization of multi-resonant current controllers

Elkayam, Moria Sassonker; Vinnikov, Dmitri 2024 19th Conference on Ph.D Research in Microelectronics and Electronics (PRIME) 2024 / 4 p <https://doi.org/10.1109/PRIME61930.2024.10559737>

The design and implementation of a semantic web framework for the event-centric digital forensics analysis

Tšikul, Pavel; Bahşi, Hayretudin; Maennel, Olaf Manuel International Conference on Information Systems Security and Privacy. 1 2024 / p. 570-581 <https://doi.org/10.5220/0012437700003648> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Design and implementation of dual-mode LLC resonant converter for charging 400 V and 800 V onboard plug-in electric vehicles

Vinusha, Bussa; Kalpana, R.; Kishan, Dharavath; Chub, Andrii 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 6 p <https://doi.org/10.1109/CPE-POWERENG63314.2025.11027270>

Design and implementation of fractional-order PID controllers for a fluid tank system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Halas, Miroslav 2013 American Control Conference (ACC) : Washington, DC, USA, June 17-19, 2013 2013 / p. 1777-1782 : ill <https://doi.org/10.1109/acc.2013.6580093> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The design and management of public-private eHealth partnerships

Callens, Chesney; Verhoest, C.; Klijn, E. H.; Brogaard, L.; Lember, Veiko; Pina, V.; van Doninck, D. Collaborating for Digital Transformation : How Internal and External Collaboration Can Contribute to Innovate Public Service Delivery 2024 / p. 144-167
<https://doi.org/10.4337/9781803923895.00018>

Design and manufacturing of composite laminates with structural health monitoring capabilities

Herranen, Henrik; Majak, Jüri; Tšukrejev, Pavel; Karjust, Kristo; Märtsens, Olev Procedia CIRP 2018 / p. 647-652 : ill
<https://doi.org/10.1016/j.procir.2018.03.128> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Design and manufacturing of variable angle tow laminate

Haavajõe, Anti; Mikola, Madis; Pohlak, Meelis Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 59-64 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.59> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Design and optimization of AIN based RF MEMS switches

Ziko, Mehadi Hasan; Koel, Ants IOP conference series : materials science and engineering 2018 / 012002 ; 9 p.: ill
<https://doi.org/10.1088/1757-899X/362/1/012002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Design and performance of acoustic metamaterial structure for inlet duct noise attenuation

Lavrentjev, Jüri; Rämmal, Hans SAE Technical Papers 2017 / 2017-32-0066, [6] p. : ill <https://www.sae.org/publications/technical-papers/content/2017-32-0066/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Design and resonance analysis of tubular structured dual stator linear oscillating actuator

Ahmad, Zahoor; Kallaste, Ants; Vaimann, Toomas; Sardar, Muhammad Usman 2024 International Conference on Electrical Machines (ICEM) 2024 / 7 p <https://doi.org/10.1109/ICEM60801.2024.10700213>

Design and simulation verification of low power wireless charging battery system for electric bicycle

Shevchenko, Viktor; Husev, Oleksandr; Pakhaliuk, Bohdan; Kondratenko, Igor 2018 IEEE 3rd International Conference on Intelligent Energy and Power Systems (IEPS) 2018 / p. 22-27 <https://doi.org/10.1109/IEPS.2018.8559531>

Design and testing of an universal autonomous surface vehicle

Roasto, Indrek; Jalakas, Tanel; Mölder, Heigo; Möller, Taavi; Tabri, Kristjan; Enok, Mart 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 705-710 : ill <https://doi.org/10.1109/PEMC48073.2021.9432567>

Design criteria for outdoor air intakes and exhaust air outlets located on an external wall

Palmiste, Ülar; Kurnitski, Jarek; Voll, Hendrik E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 9008, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017209008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Design issues of SSCBs for residential DC microgrid

Jalakas, Tanel; Chub, Andrii; Roasto, Indrek; Vinnikov, Dmitri 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830826>

Design obfuscation versus test

Farahmandi, Farimah; Sinanoglu, Ozgur; Blanton, Ronald; **Pagliarini, Samuel Nascimento** 2020 IEEE European Test Symposium (ETS) : ETS 2020, May 25 - 29, 2020, Tallinn, Estonia 2020 / 10 p <https://doi.org/10.1109/ETS48528.2020.9131590>

Design of a simple modular active power electronic transformer

Strzelecki, Ryszard; **Roasto, Indrek**; Romero-Cadaval, Enrique Proceedings : IECON 2014 - 40th Annual Conference of the IEEE Industrial Electronics Society : Sheraton Hotel Dallas, Dallas, TX, USA, 30. October-01. November, 2014 2014 / p. 1410-1415 : ill <https://doi.org/10.1109/IECON.2014.7048686> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Design of an additively manufactured polymer composite electrical machine

Sarap, Martin; Kallaste, Ants; Naseer, Muhammad Usman; Tiismus, Hans; Rjabtšikov, Viktor; Shams Ghahfarokhi, Payam; Vaimann, Toomas; Aman, Alexander; Kutia, Mykhailo 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227413>

Design of devices for advanced protection, voltage-quality and load priority control in residential microgrids

Lehtla, Madis; Rosin, Argo; Möller, Taavi; Pikner, Rando EPE-PEMC 2010 : 14th International Power Electronics and Motion Control Conference : 6-8 September 2010, Ohrid, Republic of Macedonia 2010 / p. T6-97 - T6-100 <https://ieeexplore.ieee.org/document/5606611> <https://doi.org/10.1109/EPEPEMC.2010.5606611>

Design of solid state circuit breaker

Jalakas, Tanel; Chub, Andrii; Roasto, Indrek; Vinnikov, Dmitri 2022 IEEE 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2022 / p. 1-5 <https://doi.org/10.1109/RTUCON56726.2022.9978903>

The design of the Estonian governmental document exchange classification framework

Draheim, Dirk; Koosapoe, Kaarel; **Laak, Mihkel; Pappel, Ingrid; Pappel, Ingmar; Tepandi, Jaak** Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 33-47 : ill http://link.springer.com/chapter/10.1007/978-3-319-44159-7_3 http://www.eston.ee/record=b4645628*est https://doi.org/10.1007/978-3-319-44159-7_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Design procedure and preliminary analysis for the introduction of axial asymmetry in the synchronous reluctance machines : [proceedings]

Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton 2023 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings 2023 / 6 p. : ill <https://doi.org/10.1109/WEMDCD55819.2023.10110903>

Design space exploration in multi-level computing systems

Sklyarov, Valery; Skliarova, Iuliia; Silva, João; **Sudnitsõn, Aleksander** CompSysTech'14 : 15th International Conference on Computer Systems and Technologies : Ruse, Bulgaria, June 27-28, 2014 2014 / p. 40-47 : ill <https://doi.org/10.1145/2659532.2659616> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Design space exploration of SABER in 65nm ASIC

Imran, Malik; Almeida, Felipe; Raik, Jaan; Basso, Andrea; Roy, Sujoy Sinha; **Pagliarini, Samuel Nascimento** ASHES '21 : proceedings of the 5th Workshop on Attacks and Solutions in Hardware Security 2021 / p. 85-90 <https://doi.org/10.1145/3474376.3487278>

Design understanding : from logic to specification

Fey, Goerschwin; **Ghasempouri, Tara**; Jacobs, Swen; **Raik, Jaan** Proceedings of the 2018 IFIP/IEEE International Conference on Very Large Scale Integration (VLSI-SoC) : October 8-10, 2018, Verona, Italy 2018 / p. 172-175 : ill <https://doi.org/10.1109/VLSI-SoC.2018.8644732>

Designing a collaborative construction-project platform on blockchain technology for transparency, traceability, and information symmetry

Udokwu, Chibuzor; Norta, Alexander; Wenna, Christoph ASSE'21 : 2021 2nd Asia Service Sciences and Software Engineering Conference, Macau, Macao, February 24-26, 2021 2021 / 13 p. : ill <https://doi.org/10.1145/3456126.3456134> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Designing a crisis management mobile application solution in Nigeria

Lips, Silvia; Amola, Oladele; Draheim, Dirk The 23rd International Conference on Information Integration and Web Intelligence, Linz, Austria, November 29 - December 01 2021 : virtual 2021 / p. 571-579 <https://doi.org/10.1145/3487664.3487807> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Designing a scalable socio-technical method for evaluating large e-Governance systems

Saay, Mohammad Salim; Norta, Alexander Advanced computational and communication paradigms : proceedings of International Conference on ICACCP 2017, Volume 1 2018 / p. 571-580 https://doi.org/10.1007/978-981-10-8240-5_64 [Conference Proceedings at](#)

Designing a smart-contract application layer for transacting decentralized autonomous organizations

Norta, Alexander Advances in Computing and Data Sciences : first International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016 : revised selected papers 2017 / p. 595-604 https://doi.org/10.1007/978-981-10-5427-3_61 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Designing an effective long-term identity management strategy for a mature e-state

Lips, Silvia; Aas, Krista; **Pappel, Ingrid**; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26–29, 2019 : proceedings 2019 / p. 221-234 : ill https://doi.org/10.1007/978-3-030-27523-5_16 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Designing effective Chatbot solutions for the public sector: A case study from Ukraine

Petriv, Yulia; **Erlenheim, Regina**; **Tsap, Valentyna**; **Pappel, Ingrid**; **Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOSE 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 320-335 https://doi.org/10.1007/978-3-030-39296-3_24 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Designing proactive business event services : a case study of the Estonian company registration portal

Körge, Helena; **Erlenheim, Regina**; **Draheim, Dirk** Electronic Participation : 11th IFIP WG 8.5 International Conference, ePart 2019, San Benedetto Del Tronto, Italy, September 2–4, 2019, Proceedings 2019 / p. 73 - 84 https://doi.org/10.1007/978-3-030-27397-2_7 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Designing reliable cyber-physical systems

Aleksandrowicz, Gadi; Arbel, Eli; Bloem, Roderick; **Devadze, Sergei**; **Jenihhin, Maksim**; **Jutman, Artur**; **Raik, Jaan**; **Shibin, Konstantin** Languages, design methods, and tools for electronic system design : selected contributions from FDL 2016 2018 / p. 15-38 : ill https://doi.org/10.1007/978-3-319-62920-9_2 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Designing trust and privacy : The role of legal design in ensuring compliance with the EU AI act

Ozan Ozparlak, Basak; **Metin, Ebru** HCI for Cybersecurity, Privacy and Trust : 7th International Conference, HCI-CPT 2025, Held as Part of the 27th HCI International Conference, HCII 2025, Gothenburg, Sweden, June 22–27, 2025 : Proceedings, Part II 2025 / p. 116-127 https://doi.org/10.1007/978-3-031-92840-6_7 https://link.springer.com/chapter/10.1007/978-3-031-92840-6_7

Detecting Simpson's paradox : a machine learning perspective

Sharma, Rahul; Garayev, Huseyn; **Kaushik, Minakshi**; **Arakkal Peious, Sijo**; Tiwari, Prauag; **Draheim, Dirk** Database and Expert Systems Applications : 33rd International Conference, DEXA 2022, Vienna, Austria, August 22-24, 2022 : proceedings. Part I 2022 / p. 323-335 : ill https://doi.org/10.1007/978-3-031-12423-5_25 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Detecting Simpson's paradox : a step towards fairness in machine learning

Sharma, Rahul; **Kaushik, Minakshi**; **Arakkal Peious, Sijo**; **Bertl, Markus**; Ankit, Vidyarthi; Ashwani, Kumar; **Draheim, Dirk** New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 67-76 : ill https://doi.org/10.1007/978-3-031-15743-1_7 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Detection of cracks in a sawblade by eddy current measurements

Märtens, Olev; **Land, Raul**; **Metshein, Margus**; **Abdullayev, Anar**; **Vennikas, Henri**; **Le Moullec, Yannick** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737981> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determination methods for controller parameters of back-to-back converters in electric power grids

Beg, Nauman; **Rahmoun, Ahmad**; **Armstorfer, Andreas**; **Rosin, Argo**; **Biechl, Helmuth** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 157-164 : ill <https://doi.org/10.1109/PQ.2016.7724106>

Determination of biomass content in combusted municipal waste and associated CO2 emissions in Estonia

Moora, Harri; **Roos, Inge**; Kask, Ülo; Kask, Livia; Õunapuu, Kerlin Energy procedia 2017 / p. 222-229 : tab <https://doi.org/10.1016/j.egypro.2017.09.059> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determination of e/h ratio by optical measurements

Kübarsepp, Toomas; **Tamre, Mart**; Gran, Jarle; Monakhov, Edouard; Merimaa, M.; Werner, Lutz; Rastello, Maria Luisa 29th Conference on Precision Electromagnetic Measurements, DIGEST, Rio de Janeiro, Brazil, August 24-29, 2014 2014 / p. 236-237 <https://doi.org/10.1109/CPEM.2014.6898346> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Determination of hygrothermal performance of clay-sand plaster : influence of covering on sorption and water vapour permeability

Vares, Olgerd; Ruus, Aime; Raamets, Jane; Tungel, Ernst Energy procedia 2017 / p. 267-272 : ill
<https://doi.org/10.1016/j.egypro.2017.09.719> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determination of resistance to wear of particulate composite

Aruniit, Aare; Antonov, Maksim; Kers, Jaan; Krumme, Andres Engineering materials & tribology XXII 2014 / p. 188-191
<https://doi.org/10.4028/www.scientific.net/KEM.604.188> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Determination of tensile properties of power plant steels by testing of miniature specimens

Klevtsov, Ivan; Dedov, Andrei ASME 2013 Pressure Vessels & Piping Conference : PVP2013 : July 14-18, 2013, Paris, France 2013 <https://doi.org/10.1115/PVP2013-97135> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Determination of the impedance of lithium-ion batteries using methods of digital signal processing

Rahmoun, Ahmad; Loske, Moritz; Rosin, Argo Energy procedia 2014 / p. 204-213 : ill <https://doi.org/10.1016/j.egypro.2014.01.174>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determination of water distribution network resistance coefficient and hydraulic capacity

Vaabel, Joonas; Koppel, Tiit; Sarv, Laur; Annus, Ivar Procedia engineering 2014 / p. 679-684 : ill
<https://doi.org/10.1016/j.proeng.2014.11.494> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determined-safe faults identification : a step towards ISO26262 hardware compliant designs

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri**; Sartoni, Sandro; Cantoro, Riccardo; Sonza Reorda, Matteo; Hamdioui, Said; Sauer, Christian 2020 25th IEEE European Test Symposium (ETS) 2020 / 6 p. : ill <https://doi.org/10.1109/ETS48528.2020.9131568>

Determining cost-efficient sequence of condition inspection based on estimated condition data

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863436>

Determining optimisation framework for local energy communities

Drovtar, Imre; **Korötko, Tarmo**; Mutule, Anna; Kairisa, Evita; **Rosin, Argo** 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 7 p <https://doi.org/10.1109/ENERGYCON53164.2022.9830444>

Determining sea surface heights using small footprint airborne laser scanning

Gruno, Anti; Liibus, Aive; Ellmann, Artu Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2013 : 24 September 2013, Dresden, Germany 2013 / p. 88880R-1-88880R-13 : ill <https://doi.org/10.1117/12.2029189> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determining the thermal conductivity of additively manufactured metal specimens

Sarap, Martin; Kallaste, Ants; Shams Ghahfarokhi, Payam; Tiismus, Hans; Vaimann, Toomas 2022 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / 4 p
<https://doi.org/10.1109/IWED54598.2022.9722591>

Detrended fluctuation analysis of EEG in depression

Bachmann, Maie; Suhhova, Anna; Lass, Jaanus; Aadamsoo, Kaire; Võhma, Ülle; **Hinrikus, Hiie-Agnes** XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013, MEDICON 2013, 25-28 September 2013, Seville, Spain 2014 / p. 694-697 https://doi.org/10.1007/978-3-319-00846-2_172 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Developing a framework for smart stormwater management in Tallinn, Estonia

Suits, Kristjan; Vassiljev, Anatoli; Kaur, Katrin; Kõiv, Kerta; Kändler, Nils; Annus, Ivar Engineering Proceedings 2024 / art. 23
<https://doi.org/10.3390/engproc2024069023> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developing a translation technique for converged TSN-5G communication

Satka, Zenepe; Pantzar, David; Magnusson, Alexander; Ashjaei, Mohammad; Fotouhi, Hossein; Sjödin, Mikael; **Daneshtalab, Masoud; Mubeen, Saad** Communication in Automation : 18th IEEE International Workshop on Factory Communication Systems 2022 : WFCS 2022 2022 / 8 p <https://doi.org/10.1109/WFCS53837.2022.9779191>

Developing cross-border E-governance: exploring interoperability and cross-border integration

Krimmer, Robert Johannes; Dedovic, Stefan; Schmidt, Carsten; Corici, Andreea-Ancuta Electronic participation : 13th IFIP WG 8.5 International Conference, ePart 2021, Granada, Spain, September 7–9, 2021 : proceedings 2021 / p. 107-124 : ill
https://doi.org/10.1007/978-3-030-82824-0_9 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Developing entrepreneurship competence in academia : emerging needs in Estonia, Finland, Italy, Poland, and Portugal

Riviezso, Angelo; **Venesaar, Urve**; Duarte, Henrique; Civil, Taina; Antonelli, Gilda; Dorozynski, Tomasz The impact of HEIs on regional development : facts and practices of collaborative work with SMEs 2023 / p. 144-161 <https://doi.org/10.4018/978-1-6684-6701-5.ch009>

Developing of an engineering scientific innovative lab and teaching methodology for smart manufacturing in the hi-engineering school

Kekšin, Vjatcheslav; Sarkans, Martinš; Kuts, Vladimir ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE) ; vol. 2 2024 / IMECE2024-143105, V002T03A073 ; 8 pages <https://doi.org/10.1115/IMECE2024-143105>

Development and application of energy producing solar pavement in Estonia

Jalakas, Tanel; Chub, Andrii; Vinnikov, Dmitri; Spalatu, Nicolae; Gudkova, Viktoria; Krunks, Malle; Mere, Arvo; Lahi, Allan 2022 IEEE 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2022 / 5 p. : ill <https://doi.org/10.1109/RTUCON56726.2022.9978908>

Development and experimental assessment of a flexible robot fin

Gkliva, Roza; Sfakiotakis, Michael; Kruusmaa, Maarja 2018 IEEE International Conference on Soft Robotics (RoboSoft) : proceedings 2018 / p. 208-213 : ill <https://doi.org/10.1109/ROBOSOFT.2018.8404921>

Development of a battery sizing tool for nearly zero energy buildings

Ahmadihangar, Roya; Husev, Oleksandr; Blinov, Andrei; Karami, Hossein; Rosin, Argo IECON 2020 The 46th Annual Conference of the IEEE Industrial Electronics Society 2020 / p. 5149-5154 : ill <https://doi.org/10.1109/IECON43393.2020.9254557>
[Conference proceeding Article at Scopus](#) [Article at WOS](#)

Development of a bio-impedance signal simulator on the basis of the regression based model of the cardiac and respiratory impedance signals

Muhammad, Yar; Le Moullec, Yannick; Annus, Paul; Min, Mart 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 92-95 : ill https://doi.org/10.1007/978-3-319-12967-9_25 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of a measurement system for estimation of local peripheral arterial stiffness parameters

Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / p. 1-5
<https://doi.org/10.1109/BEC61458.2024.10737944> [Article at Scopus](#) [Conference proceeding at Scopus](#) [Article at WOS](#)

Development of a platform for nonformal education services : a Case study in the field of STEM in Estonia

Rillo, Kristel; Lorenz, Birgy Learning and Collaboration Technologies : 12th International Conference, LCT 2025, Held as Part of the 27th HCI International Conference, HCII 2025 : Proceedings, Part I 2025 / p. 371-383 https://doi.org/10.1007/978-3-031-93564-0_23

Development of a power electronics controller with RISC-V based core for security-critical applications

Swakath, S. U.; Kshirsagar, Abhijit; Kondepu, Koteswararao; Banavath, Satish Naik; **Chub, Andrii; Vinnikov, Dmitri** 2022 IEEE 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2022 / p. 1-5 <https://doi.org/10.1109/RTUCON56726.2022.9978737>

Development of an AR-based application for assembly assistance and servicing

Mahmood, Kashif; Pizzagalli, Simone Luca; Otto, Tauno; Symotiuk, Ivan Procedia CIRP 2024 / p. 638-643
<https://doi.org/10.1016/j.procir.2024.04.017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of an AR-based application for assembly assistance and servicing

Mahmood, Kashif; Pizzagalli, Simone Luca; Otto, Tauno; Symotiuk, Ivan 34th CIRP Design Conference CIRP2024, 3-5 June 2024, Cranfield University, UK : [programme] 2024 / 1 p <https://cranfield.shorthandstories.com/cirp-2024/index.html>

Development of an axial flux SRM through additive manufacturing

Hussain, Shahid; Kallaste, Ants; Naseer, Muhammad Usman; Tiismus, Hans; Vaimann, Toomas 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700569>

Development of children's cyber security competencies in Estonia

Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 473-482 https://doi.org/10.1007/978-3-319-91152-6_36 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Development of critical thinking and reflection

Rüütman, Tiia The Challenges of the Digital Transformation in Education : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2 2019 / p. 895-906 https://doi.org/10.1007/978-3-030-11935-5_85 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of digital twin for robotic arm

Bratchikov, Sterpan; Abdullin, Artur; **Demidova, Galina**; Lukichev, Dmitry 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 717-723 <https://doi.org/10.1109/PEMC48073.2021.9432535>

Development of emerging technology-driven NordPlus competence network in the Baltic and Nordic regions

Kunicina, Nadezhda; Bruzgien, Rasa; Narbutaite, Lina; **Rassõlkin, Anton**; **Mohamed, Mahmoud Ibrahim Hassanin**; Balandin, Sergey 2024 35th Conference of Open Innovations Association (FRUCT) : proceedings Proceedings of the 2024 / p. 407-412 : ill <https://doi.org/10.23919/FRUCT61870.2024.10516359> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of interactive monitoring system for urban environmental impact assessment of transport system

Pashkevich, Anton; Beliakova, Marina; Ivanov, Alexander; **Purju, Alari** Procedia engineering 2017 / p. 42-52 : ill <https://doi.org/10.1016/j.proeng.2017.01.058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of mutual recognition of education approach in advanced computer-oriented engineering technologies in the Baltic region

Kunicina, Nadezhda; **Rassõlkin, Anton**; Bruzgiene, Rasa; Plonis, Darius; Caiko, J. 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413098>

Development of prefabricated insulation elements for buildings with aerated autoclaved concrete walls

Pihelo, Peep; **Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 18001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017218001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of process optimization model for autonomous mobile robot used in production logistics

Majak, Jüri; **Karjust, Kristo**; **Mahmood, Kashif**; **Hermaste, Aigar**; **Raamets, Tõnis** AIP conference proceedings 2024 / art. 020008 <https://doi.org/10.1063/5.0189299> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of quality and knowledge management system for the first satellite mission in an educational institution based on ECSS standards

Vihmand, Mart; **Dihuliya, Divya**; **Ehrminger, Robin** 66th International Astronautical Congress 2015 (IAC 2015) : Space - The Gateway for Mankind's Future, Jerusalem, Israel, 12-16 October 2015 2015 / p. 9717-9719 <https://iafastro.directory/iac/paper/id/31145/summary/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of teachers' judgement skills as a component of pre- and in-service training

Rüütman, Tiia; Läänemets, Urve; Kaja, Kadi; Kiilu, Kristi Learning in the age of digital and green transition: proceedings of the 25th international conference on interactive collaborative learning (ICL2022), Volume 2 2023 / p. 639-648 https://doi.org/10.1007/978-3-031-26190-9_67 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of the corpus of Estonian adolescent speech

Meister, Lya; **Meister, Einar** Human Language Technologies - the Baltic Perspective : Proceedings of the Sixth International Conference, Baltic HLT 2014 2014 / p. 206-209 <https://doi.org/10.3233/978-1-61499-442-8-206> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of the method for calculation of plates to ensure optimization of hull thickness

Gornostajev, Dmitri; **Arjassov, Gennadi**; **Žigailov, Sergei** Mechatronic systems and materials VI 2015 / p. 796-801 : ill <https://doi.org/10.4028/www.scientific.net/SSP.220-221.796> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of virtual learning factory toolkit for production engineering education

Mahmood, Kashif; **Otto, Tauno**; **Kuts, Vladimir**; Terkaj, Walter; Urgo, Marcello; Haidegger, Geza IOP conference series : materials science and engineering 2021 / art. 012039, 8 p <https://doi.org/10.1088/1757-899X/1140/1/012039>

Development support for intelligent systems : test, evaluation, and analysis of microservices

Perbandt, Charline von; Tyca, Matthias; Koschel, Arne; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 1 2022 / p. 857-875 https://doi.org/10.1007/978-3-030-82193-7_58 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development, implementation and field trial of 5G integrated GNSS-RTK positioning in cross-border settings

Elgarhy, Osama; **Rohtla, Margus**; **Ait, Indur**; **Roosipuu, Priit**; **Kõrbe Kaare, Kati**; Sadam, Arvi; Kallaspoolik, Toomas; **Alam, Muhammad Mahtab** 2024 IEEE Future Networks World Forum (FNWF) 2025 / p. 791-796 <https://doi.org/10.1109/FNWF63303.2024.11028789>

Developmental changes of vowel acoustics in adolescents

Meister, Einar; **Meister, Lya** Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1688-1692 <https://doi.org/10.21437/Interspeech.2021-1649>

Devising an urban learning centre for municipalities in Eastern Partnership countries

Schuch de Azambuja, Luiza; **Soe, Ralf-Martin** New Sustainable Horizons in Artificial Intelligence and Digital Solutions : 22nd IFIP WG 6.11 Conference on e-Business, e-Services and e-Society, I3E 2023, Curitiba, Brazil, November 9-11, 2023, Proceedings 2023

A DFT-based approach for condition monitoring of switch-mode power converters

Kütt, Lauri; Tiivel, Tuuli; Parker, Martin; Valgur, Laur; Jarkovoi, Marek; Chub, Andrii 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p
<https://doi.org/10.1109/RTUCON62997.2024.10830915>

Diagnostic possibilities of induction motor bearing currents

Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Demidova, Galina; Karpovich, Dzmitry 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill
<https://doi.org/10.1109/ACED50605.2021.9462298>

Diagnostic test generation for statistical bug localization using evolutionary computation

Gaudesi, Marco; **Jenihhin, Maksim; Raik, Jaan; Tihomirov, Valentin; Ubar, Raimund-Johannes** Applications of Evolutionary Computation : 17th European Conference, EvoApplications 2014, Granada, Spain, April 23-25, 2014 : revised selected papers 2014 / p. 425-436 : ill https://doi.org/10.1007/978-3-662-45523-4_35 Conference proceeding at Scopus Article at Scopus Conference proceeding at WOS Article at WOS

Diagrammatic algebra of first order logic

Bonchi, Filippo; Di Giorgio, Alessandro; **Haydon, Nathan Joseph; Sobocinski, Pawel Maria** LICS '24 : proceedings of the 39th Annual ACM/IEEE Symposium on Logic in Computer Science 2024 / art. 16, p. 1-15 : ill <https://doi.org/10.1145/3661814.3662078> Conference proceeding at Scopus Article at Scopus Article at WOS

Diagrammatic autarchy : linear diagrams in the 17th and 18th centuries

Bellucci, Francesco; Moktefi, Amirouche; Pietarinen, Ahti-Veikko DLAC 2013 : Diagrams, Logic and Cognition : proceedings of the First International Workshop on Diagrams, Logic and Cognition : Kolkata, India, October 28-29, 2013 2013 / p. 26-30 : ill https://www.researchgate.net/publication/280098290_Diagrammatic_Autarchy_Linear_diagrams_in_the_17th_and_18th_centuries Conference Proceedings at Scopus Article at Scopus

Diagrammatic polyhedral algebra

Bonchi, Filippo; Di Giorgio, Alessandro; **Sobocinski, Pawel Maria** 41st IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2021) 2021 / p. 40:1-40:18 <https://doi.org/10.4230/LIPIcs.FSTTCS.2021.40> Conference Proceedings at Scopus Article at Scopus

Dialect adaptation and data augmentation for low-resource ASR: Taltech systems for the MADASR 2023 Challenge

Alumäe, Tanel; Kong, Jiaming; Robnikov, Daniil 2023 IEEE Automatic Speech Recognition and Understanding Workshop (ASRU), 16-20 Dec. 2023, Taipei, Taiwan 2023 / p. 1-7 <https://doi.org/10.1109/ASRU57964.2023.10389668>

Differences in Android behavior between real device and emulator : a malware detection perspective

Guerra Manzanares, Alejandro; Bahsi, Hayretidin; Nömm, Sven 6th International Conference on Internet of Things: Systems, Management and Security (IOTSMS), Granada, Spain, October 22-25, 2019 2019 / art. 8939268, p. 399-404
<https://doi.org/10.1109/IOTSMS48152.2019.8939268>

Different approaches for calibration of an operational water distribution system containing old pipes

Annus, Ivar; Vassiljev, Anatoli Procedia engineering 2015 / p. 526-534 : ill <https://doi.org/10.1016/j.proeng.2015.08.900> Conference proceedings at Scopus Article at Scopus Article at WOS

Differential 2-rigs

Loregian, Fosco; Trimble, Todd Proceedings Fifth International Conference on Applied Category Theory (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 159-182 : ill <https://doi.org/10.4204/EPTCS.380.10> Conference proceeding at Scopus Article at Scopus Article at WOS

Difficulties in understanding object oriented programming concepts

Biju, Soly Mathew Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 319 - 326
https://doi.org/10.1007/978-1-4614-3535-8_27 Conference Proceedings at Scopus Article at Scopus

The diffusion and acceptance of electric vehicles: a policy perspective comparing California and Texas

Hammoda, Basel Osama Sayed Ahmed; Sandoval, Jan Digital entrepreneurship in science, technology and innovation 2024 / p. 44-65 <https://doi.org/10.4337/9781035311422.00009>

Digital competencies for caregiving: Preliminary review of literature

Lahe, Palmi Artificial Intelligence Applications and Innovations. AIAI 2025 IFIP WG 12.5 International Workshops 2025 / p. 330-335
https://doi.org/10.1007/978-3-031-97313-0_25

Digital competition law issues and interrelated aspects of law

Dutt, Pawan Kumar E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 149–171 : ill
https://doi.org/10.1007/978-3-031-56045-3_11 https://www.estee.ee/record=b5703480*est

Digital control of PFC rectifier with combined feedforward and PI regulator

Verbytskyi, Ievgen; Blinov, Andrei; Emiliani, Pietro; Galkin, Ilja IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6 <https://doi.org/10.1109/IECON49645.2022.9968509> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The digital future of the European Union

Ramiro Troitino, David; Kerikmäe, Tanel; Hamulak, Ondrej Digital development of the European Union : an interdisciplinary perspective 2023 / p. 3-6 https://doi.org/10.1007/978-3-031-27312-4_1 https://www.ester.ee/record=b5557935*est

Digital health data capture with a controlled natural language

Kankainen, Kristian Juha Ismo; Listenmaa, Inari; Piho, Gunnar; Ross, Peeter Caring is sharing – exploiting the value in data for health and innovation : proceedings of MIE 2023 2023 / p. 829 - 830 <https://doi.org/10.3233/SHTI230280> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digital Object Memory based monitoring solutions in manufacturing processes

Aruväli, Tanel; Maass, Wolfgang; Otto, Tauno Procedia engineering 2014 / p. 449-458 : ill <https://doi.org/10.1016/j.proeng.2014.03.011> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digital Object Memory integration into indirect surface roughness measurement in turning

Aruväli, Tanel; Otto, Tauno 4th Mechanical and Manufacturing Engineering : selected, peer reviewed papers from the 4th International Conference on Mechanical and Manufacturing Engineering (ICME 2013), December 17-18, 2013, Bangi-Putrajaya, Malaysia 2014 / p. 764-768 <https://doi.org/10.4028/www.scientific.net/AMM.465-466.764> [Article at Scopus](#) [Article at WOS](#)

Digital ownership strategies : the health care services case

Wahl, Mike Franz; Durst, Susanne Resilience in a Digital Age 2022 / p. 137-158 https://doi.org/10.1007/978-3-030-85954-1_9 [Article collection metrics at Scopus](#) [Article at Scopus](#)

(Digital) Oxygen reduction reaction on waste tire derived carbon material and synthesized non-platinum group metal catalysts in alkaline solution

Laanemäe, Joel; Jäger, Rutha; Teppor, Patrick; Volobujeva, Olga; Lust, Enn ECS Meeting Abstracts 2022 / p. 39-47 : ill <https://doi.org/10.1149/10807.0039ecst> [Journal metrics at Scopus](#) [Article at Scopus](#)

Digital public service improvement in cross-border use cases

Raamat, Helen; Liiv, Innar; Lips, Silvia; Ahmed, Rozha Kamal; Sharma, Rahul; Draheim, Dirk 37th Bled eConference – Resilience Through Digital Innovation: Enabling the Twin Transition: June 9 – 12, 2024, Bled, Slovenia, Conference Proceedings 2024 / p. 269–282 : ill <https://doi.org/10.18690/um.fov.4.2024.15>

A digital services course to promote teaching of informatics in Estonia

Kikkas, Kaio; Lorenz, Birgy Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 711-720 https://doi.org/10.1007/978-3-030-68198-2_66 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digital skills platform from Silicon Valley : training new generations using experiential learning principles

Winter Kurchik, Madison; Hammada, Basel Osama Sayed Ahmed Contemporary entrepreneurship : global perspectives and cases 2024 / p. 41-50 <https://doi.org/10.4324/9781003371403-7> https://www.ester.ee/record=b5670538*est

Digital social initiatives : Europe connecting citizens with social transformation

Ramiro Troitino, David; Mazur, Viktoria E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 71-85 https://doi.org/10.1007/978-3-031-56045-3_6 https://www.ester.ee/record=b5703480*est

Digital sovereignty and participation in an autocratic state : designing an e-petition system for developing countries

Lips, Silvia; Ahmed, Rozha Kamal; Zulfargazada, Khayyam; Krimmer, Robert Johannes; Draheim, Dirk The Proceedings of the 22nd Annual International Conference on Digital Government Research (DGO2021) : Digital Innovations for Public Values: Inclusive Collaboration and Community, June 9-11, 2021 2021 / p. 123–131 <https://doi.org/10.1145/3463677.3463706> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Digital sovereignty in the EU : searching for legal mechanisms for marking the borders

Vardanyan, Lusine; Kocharyan, Hovsep; Hamulak, Ondrej; Kerikmäe, Tanel Digital development of the European Union : an interdisciplinary perspective 2023 / p. 219-234 https://doi.org/10.1007/978-3-031-27312-4_14 https://www.ester.ee/record=b5557935*est

Digital sovereignty or sovereignty with digital elements?

Gabriš, Tomaš; Hamulak, Ondrej Digital development of the European Union : an interdisciplinary perspective 2023 / p. 249-263 https://doi.org/10.1007/978-3-031-27312-4_16 https://www.ester.ee/record=b5557935*est

Digital support in logistics of home-care nurses for disabled and elderly people

Reinhold, Karin; Tint, Piia; Traumann, Ada Human Interaction and Emerging Technologies : proceedings of the 1st International Conference on Human Interaction and Emerging Technologies (IHET 2019), August 22–24, 2019, Nice, France 2020 / p. 563-568 https://doi.org/10.1007/978-3-030-25629-6_87 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Digital technology in entrepreneurship education : an overview of the status quo : chapter 6
Hammoda, Basel Osama Sayed Ahmed Digital transformation for entrepreneurship 2024 / p. 71-93
https://doi.org/10.1142/9789811270178_0006 https://www.esther.ee/record=b5676637*est

Digital transformation for entrepreneurship : chapter 2
Durst, Susanne Digital transformation for entrepreneurship 2024 / p. 5-16 https://doi.org/10.1142/9789811270178_0002

Digital transformation framework for logistics service providers : A systematic literature review
Gülmez, Secil; Denktas-Sakar, Gül Handbook of digital innovation, transformation, and sustainable development in a post-pandemic era 2024 / p. 60-77 <https://doi.org/10.1201/9781003438748-4>

Digital transformation insights from an AI solution in search of a problem
Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 10th International Conference, FDSE 2023, Da Nang, Vietnam, November 22–24, 2023 : proceedings 2023 / p. 341 - 351 https://doi.org/10.1007/978-981-99-8296-7_24 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Digital twin based learning from demonstration system for industrial robots
Bondarenko, Yevhen; Pizzagalli, Simone Luca; Kuts, Vladimir; Petlenkov, Eduard; Otto, Tauno ASME 2023 International Mechanical Engineering Congress and Exposition (IMECE2023) : proceedings. Vol. 3 2024 / art. IMECE2023-113240, V003T03A081 <https://doi.org/10.1115/IMECE2023-113240>

Digital twin for controlled generation of water-in-oil microdroplets with required size
Gyimah, Nafisat; Scheler, Ott; Rang, Toomas; Pardy, Tamas 2022 23rd International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Microsystems (EuroSimE), 25-27 April 2022, St Julian, Malta : proceedings 2022 / p. 85-91 <https://doi.org/10.1109/EuroSimE54907.2022.9758876>

Digital twin of an electrical motor based on empirical performance model
Rassõlkin, Anton; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir; Partyshev, Andriy 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 11-14 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249366>

Digital twin of wind generator for modelling various turbine characteristics
Raja, Hadi Ashraf; Autsou, Siarhei; Kudelina, Karolina; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Pomarnacki, Raimondas; Hyunh, Van Khang 2023 International Conference on Electrical Drives and Power Electronics (EDPE) 2023 / p. 1-5 <https://doi.org/10.1109/EDPE58625.2023.10274050>

Digital twin of wind generator to simulate different turbine characteristics using IoT
Raja, Hadi Ashraf; Kudelina, Karolina; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Pomarnacki, Raimondas; Hyunh, Van Khang Proceedings of the Future Technologies Conference (FTC) 2023. Vol. 1 2023 / p. 123-132 https://doi.org/10.1007/978-3-031-47454-5_9 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Digital twin service unit development for an EV induction motor fault detection
Rjabtšikov, Viktor; Mohamed, Mahmoud Ibrahim Hassanin; Asad, Bilal; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir; Stepień, Mariusz; Krawczyk, Mateusz 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 5 p <https://doi.org/10.1109/IEMDC55163.2023.10239085>

Digital twin simulations based reinforcement learning for navigation and control of a wheel-on-leg mobile robot
Alsaleh, Saleh Ragheb Saleh; Tepljakov, Aleksei; Tamre, Mart; Kuts, Vladimir; Petlenkov, Eduard Proceedings of ASME 2022 International Mechanical Engineering Congress and Exposition (IMECE2022), 2B: Columbus, Ohio, USA, October 30 - November 3, 2022 2022 / art. IMECE2022-95411, V02BT02A025, 8 p <https://doi.org/10.1115/IMECE2022-95411>

Digital twins for designing energy management systems for microgrids: Implementation example based on TalTech Campus project
Korõtko, Tarmo; Zahraoui, Younes; Rosin, Argo; Agabus, Hannes 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227475>

Digital twins in extended reality for control system applications
Jeršov, Stanislav; Tepljakov, Aleksei 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 / art. 162353, p. 274-279 <https://doi.org/10.1109/TSP49548.2020.9163557>

Digital work: A conceptual clarification

Baiyere, Abayomi; Schneider, Sabrina; **Stein, Mari-Klara** Proceedings of the Annual Hawaii International Conference on System Sciences 2023 / p. 4588–4597 <https://doi.org/10.125/103192>

The digital world market and the European Union

Kerikmäe, Tanel; Ramiro Troitino, David Digital development of the European Union : an interdisciplinary perspective 2023 / p. 119-128 https://doi.org/10.1007/978-3-031-27312-4_8 https://www.estel.ee/record=b5557935*est

Digitalization of engineering education : from e-learning to smart education

Makarova, Irina; Shubenkova, Ksenia; **Antov, Dago; Pashkevich, Anton** Smart Industry & Smart Education : proceedings of the 15th International Conference on Remote Engineering and Virtual Instrumentation 2019 / p. 32–41 https://doi.org/10.1007/978-3-319-95678-7_4 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digitalization of high speed craft design and operation challenges and opportunities

Dashtimanesh, Abbas; Ghaemi, Mohammad Hossein; Wang, Youjiang Procedia Computer Science 2022 / p. 566-576 <https://doi.org/10.1016/j.procs.2022.01.254> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digitalization, neofunctionalism, and integration in the European Union

Mazur, Viktoria; Ramiro Troitino, David E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 7-22 https://doi.org/10.1007/978-3-031-56045-3_2 https://www.estel.ee/record=b5703480*est

Digitising a small island state : a lesson in Faroese

Meyerhoff Nielsen, Morten ICEGOV '15-16 : proceedings of the 9th International Conference on Theory and Practice of Electronic Governance : Montevideo, Uruguay, March 1-3, 2016 2016 / p. 54-59 <https://doi.org/10.1145/2910019.2910042> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

DIGSM 4.0 curriculum lifecycle based on component organised learning method

Ševtšenko, Eduard; Maas, Rene; **Karaulova, Tatjana; Truver, Anna;** Dembovska Iveta 14th International Scientific and Practical Conference on Environment, Technology and Resources 2023 : Rēzekne, Latvia, 15-18 June 2023 ; Volume 2 2023 / p. 203-208 <https://doi.org/10.17770/etr2023vol2.7311> <https://conferences.rta.lv/index.php/ETR/ETR2023/paper/view/5670>

Direct conductor cooling of outer-rotor machine enabled by additive manufacturing

Sarap, Martin; Kallaste, Ants; Shams Ghahfarokhi, Payam; Tiismus, Hans; Vaimann, Toomas 2023 IEEE International Conference on Electric Machines and Drives (IEMDC) 2023 / 4 p <https://doi.org/10.1109/IEMDC55163.2023.10238858>

Direct CVD growth of multi-layered graphene closed shells around alumina nanofibers

Ivanov, Roman; Mikli, Valdek; Kübarsepp, Jakob; Hussainova, Irina Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 77-80 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.77> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Direct discovery-based cooperative device-to-device communication for emergency scenarios in 6G

Masood, Ali; Alam, Muhammad Mahtab; Le Moullec, Yannick 2022 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit) : proceedings 2022 / p. 297-302 : ill <https://doi.org/10.1109/EuCNC/6GSummit54941.2022.9815706>

A direct version of Veldman's proof of open induction on cantor space via delimited control operators

Ilik, Danko; Nakata, Keiko 19th International Conference on Types for Proofs and Programs : TYPES 2013, April 22–26, 2013, Toulouse, France 2014 / p. 188-201 <https://doi.org/10.4230/LIPIcs.TYPES.2013.188> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Directed containers as categories

Ahman, Danel; **Uustalu, Tarmo** Proceedings 6th Workshop on Mathematically Structured Functional Programming (MSFP 2016) : Eindhoven, The Netherlands, 8 April 2016 2016 / p. 89-98 <https://doi.org/10.4204/eptcs.207.5> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A discord in teaching urban mobility specialists-observations on university curricula of smart and sustainable mobility

Kirejev, Mihail; **Niine, Tarvo; Gerstlberger, Wolfgang** 2025 IEEE Global Engineering Education Conference (EDUCON) 2025 / 10 p <https://doi.org/10.1109/EDUCON62633.2025.11016654>

Discretizing numerical attributes : an analysis of human perceptions : [conference paper]

Kaushik, Minakshi; Sharma, Rahul; Vidyarthi, Ankit; Draheim, Dirk New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 188-197 https://doi.org/10.1007/978-3-031-15743-1_18 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Discussing the foundations for interpretivist digital government research

McBride, Keegan David Braun; Misnikov, Yuri; **Draheim, Dirk** Scientific foundations of digital governance and transformation : Concepts, approaches and challenges 2022 / p. 121-147 https://doi.org/10.1007/978-3-030-92945-9_6

Dispersive effects during long wave run-up on a plane beach

Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys Advances in Natural Hazards and Hydrological Risks : Meeting the Challenge : proceedings of the 2nd International Workshop on Natural Hazards (NATHAZ'19), Pico Island—Azores 2019 / p. 143-146 https://doi.org/10.1007/978-3-030-34397-2_28 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dispersive elastic waves

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 85-98 https://doi.org/10.1007/978-3-319-56934-5_6 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Displaced youth and culture : informal art and culture during the COVID-19 measures in Vienna and future potentials for public space

Dembski, Fabian How pandemics shape the metropolitan space : impact of COVID-19 on urban development in Vienna and Tokyo 2023 / p. 141-156

Distributed average integral control based energy management model

Shaukat, Neelofar; Khan, Bilal; Qureshi, Muhammad Bilal; Jawad, Muhammad; **Shabbir, Noman; Daniel, Kamran** 2023 IEEE International Conference on Energy Technologies for Future Grids (ETFG) 2023 / 5 p <https://doi.org/10.1109/ETFG55873.2023.10407358>

Distributed fusion and automated sensor tasking in ISR systems

Preden, Jürjo-Sören; Pahtma, Raido; Astapov, Sergei; Ehala, Johannes; Riid, Andri; Mõtus, Leo Ground/air multisensor interoperability, integration, and networking for persistent ISR V 2014 / p. 90790M-1 - 90790M-10 : ill <https://doi.org/10.1117/12.2054731> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Distributed largest eigenvalue detection

Ainomäe, Ahti; Trump, Tõnu; Bengtsson, Mats 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 3519-3523 : ill <https://doi.org/10.1109/ICASSP.2017.7952811> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Distributed ledger-based system to support health data integrity and transparency

Kask, Marten; Piho, Gunnar; Ross, Peeter Digital Health and Informatics Innovations for Sustainable Health Care Systems 2024 / p. 1231 - 1232 <https://doi.org/10.3233/SHTI240633> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Distributed scalable association rule mining over Covid-19 data

Shahin, Mahtab; Inoubli, Wissem; Shah, Syed Attique; **Ben Yahia, Sadok; Draheim, Dirk** Future Data and Security Engineering : 8th International Conference, FDSE 2021, Virtual Event, November 24–26, 2021 : proceedings 2021 / p. 39-52 https://doi.org/10.1007/978-3-030-91387-8_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The Distribution Index Calculator for Estonian

Vainik, Ene; **Lohk, Ahti;** Paulsen, Geda Electronic lexicography in the 21st century : post-editing lexicography : proceedings of the eLex 2021 conference : virtual, 5–7 July 2021 2021 / p. 121-138 <https://elex.link/elex2021/proceedings-download/>

Disturbance decoupling by measurement feedback

Kaldmäe, Arvo; Kotta, Ülle 19th IFAC World Congress on International Federation of Automatic Control, IFAC 2014 2014 / p. 7735-7740 : ill <https://doi.org/10.3182/20140824-6-za-1003.00216> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Disturbance decoupling for nonlinear systems by measurement feedback: Sensor location

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey 19th IFAC World Congress on International Federation of Automatic Control, IFAC 2014 2014 / p. 7729-7734 : ill <https://doi.org/10.3182/20140824-6-za-1003.00013> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Do women have potential as entrepreneurs? Entrepreneurial competencies of female business students

Demiankova, Ekaterina; Ustav, Sirje Women in education and work life 2022 / p. 43-58 <http://projectrainbow.in/wp-content/uploads/2022/10/Women-in-Education-and-Work-Life.pdf#page=52>

DocOnTap : AI-based disease diagnostic system and recommendation system

Abideen, Zain Ul; Khan, Talha Ali; Ali, Raja Hashim; Ali, Nisar; Baig, Muhammad Muneeb; Ali, Muhammad Sajid 17th International Conference on Emerging Technologies (ICET), Swabi, Pakistan, 29-30 November 2022 2022 / p. 148-153 <https://doi.org/10.1109/ICET56601.2022.10004621>

Documenting and analysing business-and operational risks

Kangilaski, Taivo; Kaugerand, Jaanus 2024 Tenth International Conference on eDemocracy & eGovernment (ICEDEG) 2024 <https://doi.org/10.1109/ICEDEG61611.2024.10702076> [Article at Scopus](#)

Does serendipity enhance recommendation quality? Measuring accuracy and beyond-accuracy objectives of serendipitous POI suggestions

Ben Sassi, Imen; Järv, Priit; Ben Yahia, Sadok 27th European Conference on Artificial Intelligence, 19-24 October 2024, Santiago de Compostela, Spain - Including 13th Conference on Prestigious Applications of Intelligent Systems (PAIS 2024) 2024 / p. 3096–3103 : ill <https://doi.org/10.3233/FAIA240852> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Domain adaptation approach for Arabic sarcasm selection in hotel reviews based on hybrid learning

Ameur, Asma; Hamdi, Sana; Ben Yahia, Sadok Procedia computer science 2023 / p. 3898-3908
<https://doi.org/10.1016/j.procs.2023.10.385> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Domain ontology for expressing knowledge of variants of thermally modified wood products

Maigre, Riina; Haav, Hele-Mai Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 161-171 https://doi.org/10.1007/978-3-319-97571-9_14 [Conference proceedings at Scopus](#) [Article at Scopus](#)

DORM : narrowband IoT development platform and indoor deployment coverage analysis

Khan, Sikandar Muhammad Zulqarnain; Malik, Hassan; Sarmiento, Jeffrey Leonel Redondo; Alam, Muhammad Mahtab; Le Moullec, Yannick Procedia computer science 2019 / p. 1084-1091 : ill <https://doi.org/10.1016/j.procs.2019.04.154> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Double deep Q-Learning approach for tuning microwave cavity filters using locally linear embedding technique

Sekhri, Even; Kapoor, Rajiv; Tamre, Mart 2020 International Conference Mechatronic Systems and Materials (MSM) 2020 / 6 p. : ill <https://doi.org/10.1109/MSM49833.2020.9202393>

A double-layer acoustic absorber as potential substitute for traditional micro-perforated elements

Auriemma, Fabio Proceedings of Meetings on Acoustics 2017 / art. 030004, p. 1-11 : ill <https://doi.org/10.1121/2.0000598> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Drivers and barriers for the development of smart sustainable cities : a systematic literature review

Schuch de Azambuja, Luiza ICEGOV '21: Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance 2021 / p. 422 - 428 <https://doi.org/10.1145/3494193.3494250> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Drivers for and barriers to the cross-border implementation of the once-only principle

Leosk, Nele; Pöder, Irma; Schmidt, Carsten; Kalvet, Tarmo; Krimmer, Robert Johannes The once-only principle : The TOOP project 2021 / p. 38–60 https://doi.org/10.1007/978-3-030-79851-2_3 [Collection metrics at Scopus](#) [Article at Scopus](#) [Collection metrics at WOS](#) [Article at WOS](#)

Driving decarbonisation of the EU building stock by enhancing a consumer centred and locally based circular renovation process

Tisov, Ana; Kuusk, Kalle; Navarro Escudero, Miriam; Pihelo, Peep; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020
<https://doi.org/10.1051/e3sconf/202017218006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Driving forces and design of the TTÜ e-Governance technologies and services master's program

Pappel, Ingrid; Oolu, Karin; Pappel, Ingmar; Draheim, Dirk Electronic Government and the Information Systems Perspective : 6th International Conference, EGOVIS 2017, Lyon, France, August 28-31, 2017 : proceedings 2017 / p. 278-293 : ill
https://doi.org/10.1007/978-3-319-64248-2_20 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Droop control implementation in bidirectional step-up/down Partial power converter for battery energy storage applications

Hassanpour, Naser; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413064>

Droop control with incorporated dead zone for indirect energy management in DC nanogrids

Roasto, Indrek; Blinov, Andrei; Vinnikov, Dmitri 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 6 p <https://doi.org/10.1109/PEMC61721.2024.10726394>

Drop-out reduction of engineering curriculum by implementing CDIO principles to natural science studies

Petritšenko, Andres; Sell, Raivo; Kase, Kärt Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 2 2025 / p. 394–401 https://doi.org/10.1007/978-3-031-85649-5_38

DSP-based electrical impedance tomography device: implementation and experiments

Abdullayev, Anar; Rist, Marek; Metshein, Margus; Märten, Olev 2025 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) 2025 / 6 p <https://doi.org/10.1109/I2MTC62753.2025.11079140>

A DSP-based impedance measurement device

Abdullayev, Anar; Märten, Olev; Rist, Marek; Metshein, Margus; Min, Mart; Annus, Paul 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935588>

A DSP-based multichannel EBI measurement device

Abdullayev, Anar; Rist, Marek; Krivošei, Andrei; Metshein, Margus; Land, Raul; Märten, Olev 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024
<https://doi.org/10.1109/I2MTC60896.2024.10560714> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dual internal variables

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 59-72 https://doi.org/10.1007/978-3-319-56934-5_4
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Duality of lattices associated to left and right quotients

Bell, Jason; Smertnig, Daniel; Tamm, Hellis 16th International Conference on Automata and Formal Languages, AFL 2023, Eger, 5 September - 7 September 2023 / p. 35-50 <https://doi.org/10.4204/EPTCS.386.5> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dual-purpose dc-dc/ac PWM modular power converter as dual-output hybrid converter

Roncero-Clemente, Carlos; Gutierrez-Escalona, Javier; Matiushkin, Oleksandr; Husev, Oleksandr; Romero-Cadaval, Enrique; Fernao Pires, V. Renewable energy and power quality journal 2025 / p. 183-187 <https://doi.org/10.52152/4563>

Dual-purpose dc-dc/ac PWM modular power converter as grid-forming unit in a droop-controlled ac nanogrid

Roncero-Clemente, Carlos; Escalona, Javier-Gutiérrez; Matiushkin, Oleksandr; Pires, V. Fernão; Milanés-Montero, María Isabel; Romero-Cadaval, Enrique IECON Proceedings (Industrial Electronics Conference) IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2024 / 6 p <https://doi.org/10.1109/IECON55916.2024.10906022> [Conference proceedings at Scopus](#) [Article at Scopus](#)

DyMeP : an infrastructure to support dynamic memory binding for runtime mapping in CGRAs

Tajammul, Muhammad Adeel; Jafri, Syed Mohammad Asad Hassan; Ellervee, Peeter; Hemani, Ahmed; Tenhunen, Hannu; Plosila, Juha 28th International Conference on VLSI Design : held concurrently with 14th International Conference on Embedded Systems : 3-7 January 2015, Bangalore, India : proceedings 2015 / p. 547-552 : ill <https://doi.org/10.1109/VLSID.2015.98> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dynamic and distributed security management for NoC Based MPSoCs

Azad, Siavoosh Payandeh; Jervan, Gert; Sepulveda, Johanna Computational Science - ICCS 2019 : 19th International Conference, Faro, Portugal, June 12-14, 2019 : Proceedings, Part II 2019 / p. 649-662 : ill https://doi.org/10.1007/978-3-030-22741-8_4
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Dynamic calculations of thermal bridges in curtain wall and its effects on cooling loads and thermal delay

Cahyadi, Muhammad Rafif; Alkadri, Miktha Farid; De Luca, Francesco Proceedings of the 28th International Conference on Computer-Aided Architectural Design Research in Asia (CAADRIA 2023), 21-23 March 2023 ; vol. 2 2023 / p. 441-450 : ill <https://doi.org/10.52842/conf.caadria.2023.2.441>

A dynamic lighting system for workplaces deficient of daylight

Koppel, Tarmo; Tint, Piia Environmental health risk VII 2013 / p. 105-116 : ill <https://doi.org/10.2495/EHR130101> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Dynamic reconfiguration for wide output voltage range isolated buck-boost PFC converter

Verbytskyi, Ievgen; Nadeem, Mohammad Mahad; Blinov, Andrei; Carvalho da Silva, Edivan Laercio; Chub, Andrii; Vinnikov, Dmitri 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 5 p. : ill <https://doi.org/10.1109/SPEC56436.2023.10407792>

Dynamic Time Warping Technique for Condition Monitoring of High Voltage Circuit Breakers

Asefi, Sajjad; Kilter, Jako 2025 15th International Conference on Power, Energy, and Electrical Engineering (CPEEE) 2025 / p. 38-42 <https://doi.org/10.1109/CPEEE64598.2025.10987408>

Dynamically integrating electronic - with personal health records for ad-hoc healthcare quality improvements

Kormiltsõn, Aleksandr; Norta, Alexander Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 385-399 : ill https://doi.org/10.1007/978-3-319-69784-0_33 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dynamics of apartment building renovation investment costs based on Estonian reovation grant scheme

Miller, Grete; Lihtmaa, Lauri; Kalamees, Targo Acta Polytechnica CTU proceedings 2022 / p. 579-584
<https://doi.org/10.14311/APP.2022.38.0579> [Journal metrics at Scopus](#) [Article at Scopus](#)

Dynamics of axially graded nanobeams with follower force effect

Arda, Mustafa; **Mehrparvar, Marmar; Karjust, Kristo** International Conference of Numerical Analysis and Applied Mathematics ICNAAM2022 : Heraklion, Freece, 19-25 September 2022 2024 / art. 230005 <https://pubs.aip.org/aip/acp/article-abstract/3094/1/230005/3297087/Dynamics-of-axially-graded-nanobeams-with-follower> <https://doi.org/10.1063/5.0210131> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dynamics of the Public Satisfaction with Situation Management During COVID-19 Pandemic : Developments from March 2020 to January 2022

Rebane, Karoliina; Teichmann, Mare; Rannat, Kalev 2022 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) : proceedings 2022 / p. 112-114 <https://doi.org/10.1109/CogSIMA54611.2022.9830670>

Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings

Szentesi-Nejur, Szende; Nejur, Andrei; De Luca, Francesco; **Madelat, Payam** eCAADe 2023 : Digital Design Reconsidered : Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe ; vol. 2 Proceedings of the International Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 105-114 <https://doi.org/10.52842/conf.ecaade.2023.2.105> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Early detection of network attacks using deep learning

Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri**; Porres, Ivan 2022 IEEE 15th International Conference on Software Testing, Verification and Validation Workshops : ICSTW 2022, 4–13 April 2022, Virtual Event : proceedings 2022 / p. 30-39 <https://doi.org/10.1109/ICSTW55395.2022.00020> <https://arxiv.org/pdf/2201.11628.pdf>

EARLY: a tool for real-time security attack detection

Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri** CyberSecurity in a DevOps Environment: From Requirements to Monitoring 2024 / p. 225-251 https://doi.org/10.1007/978-3-031-42212-6_8 [Article at Scopus](#)

Easy to use empirical model for green vegetation reflection spectrum in VIS-NIR range

Udal, Andres; Jürise, Martin; Kaugerand, Jaanus; Sell, Raivo SPIE digital library 2020 / art. 115240H-1–14 <https://doi.org/10.1117/12.2570820> [Conference proceeding](#) [Article at Scopus](#) [Article at WOS](#)

EcoLight : Eco-friendly traffic signal control driven by urban noise prediction

Ounoughi, Chahinez; Touibi, Ghofrane; Ben Yahia, Sadok Database and Expert Systems Applications : 33rd International Conference, DEXA 2022, Vienna, Austria, August 22-24, 2022 : proceedings, Part I 2022 / p. 205–219 https://doi.org/10.1007/978-3-031-12423-5_16 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

The economic challenges of deep energy renovation - differences, similarities, and possible solutions in Northern Europe : Estonia and Denmark

Rose, Jorgen; **Kuusk, Kalle**; Thomsen, Kirsten Englund; **Kalamees, Targo**; Morck, Ove Christen ASHRAE transactions. Vol. 122, pt. 1 2016 / p. 58-68 : ill <https://www.proquest.com/openview/3b32b899a3b498dc8694f261aaaa9cf0/1?pq-origsite=gscholar&cbl=34619> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Economical feasibility of off-grid hybrid power supply for Estonian remote areas. Part 1 : hybrid components sizing

Bolgov, Viktor; Laanetu, Margus PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 179-186 : ill <https://doi.org/10.1109/PQ.2016.7724110>

An economical optimization for the participation of a residential microgrid in flexibility markets providing ancillary services

Alvi, Anas Abdullah; Gonzalez-Romera, Eva; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Milanes-Montero, Maria Isabel; Barrero-Gonzalez, Fermin 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604394>

EcoPeak4Fish : a multidisciplinary project targeting the protection of fish populations affected by hydropeaking

Boavida, Isabel; Santos, Jose Maria; Costa, Maria Joao; Leite, Renan; Merianne, Anthony; Portela, Maria Manuela; Godinho, Francisco; Leitao, Pedro; Mota, Rui; **Tuhtan, Jeffrey Andrew; Pinheiro, Antonio N.** Biology and life sciences forum 2022 / p. 85 <https://doi.org/10.3390/blsf2022013085>

E-court system evaluation through the user's perspective : applying the end-user computing satisfaction (EUCS) model

Ahmed, Rozha Kamal; Ahmed, Omer; Pappel, Ingrid; **Draheim, Dirk** 23rd Annual International Conference on Digital Government Research (DGO2022) : Intelligent Technologies, Governments and Citizens, June 15-17, 2022 : proceedings 2022 / p. 293-299 <https://doi.org/10.1145/3543434.3543560> [Conference proceedings at Scopus](#) [Article at Scopus](#)

E-court transition process : identifying critical factors and recommendations for developing countries

Adeleye, Jesujoba Tolulope; **Ahmed, Rozha Kamal**; Nyman-Metcalf, Katrin Merike; **Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24–25, 2021 : proceedings 2022 / p. 305–317 https://doi.org/10.1007/978-3-031-04238-6_23 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Eddy current loss reduction prospects in laser additively manufactured soft magnetic cores

Tiismus, Hans; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton 2022 International Conference on Electrical Machines (ICEM) 2022 / p. 1511-1516 <https://doi.org/10.1109/ICEM51905.2022.9910679>

Edge intelligence resource consumption by UAV-based IR object detection

Polukhin, Andrii; Gordienko, Yuri; Leier, Mairo; Jervan, Gert; Rokovyi, Oleksandr; Alienin, Oleg; Stirenko, Sergii UAVM '23 : proceedings of the 2023 Workshop on UAVs in multimedia : capturing the world from a new perspective 2023 / p. 57-61 <https://doi.org/10.1145/3607834.3616566>

Edge-to-Fog collaborative computing in a swarm of drones

Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 78–87 https://doi.org/10.1007/978-3-030-87657-9_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Educating future digital leaders : developing e-governance curriculum in Estonia and Ukraine

Morze, Nataliia; Makhachashvili, Rusudan; Mosiashvili, Gvantsa; Pappel, Ingrid DHW 2021: Digital Humanities Workshop 2021 / p. 185 - 190 <https://doi.org/10.1145/3526242.3526253> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Education for sustainable development

Shevtshenko, Eduard; Karaulova, Tatjana; Truver, Anna; Maas, Rene; Golubeva, Kertily Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 3 2025 / p. 60-72 https://doi.org/10.1007/978-3-031-83523-0_6

EEG functional connectivity detects seasonal changes

Päeske, Laura; Bachmann, Maie; Raik, Jaan; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 237-240 https://doi.org/10.1007/978-981-10-9038-7_44 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

EEG spectral asymmetry index detects differences between leaders and non-leaders

Pöld, Toomas; Bachmann, Maie; Orgo, Laura; Kalev, Kaia; Lass, Jaanus; Hinrikus, Hiie EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 17-20 https://doi.org/10.1007/978-981-10-5122-7_5 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

EEG spectral asymmetry index for detection of depression at individual and fixed frequency bands [Electronic resource]

Suhhova, Anna; Bachmann, Maie; Lass, Jaanus; Aadamsoo, Kaire; Vöhma, Ülle; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2012 / p. 589-592 : ill [CD-ROM] https://link.springer.com/chapter/10.1007/978-3-642-29305-4_154 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

EEG spectral asymmetry is dependent on education level of men

Pöld, Toomas; Bachmann, Maie; Päeske, Laura; Kalev, Kaia; Lass, Jaanus; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 405–408 https://doi.org/10.1007/978-981-10-9038-7_76 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of aggregation methods in fuzzy technique for prioritization of criteria of automated vehicle system

Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo AIP conference proceedings 2024 / art. 020011 <https://doi.org/10.1063/5.0189323> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of aspen face veneer thickness on the fire performance of post-manufacture fire-retardant treated birch blywood

Alao, Percy Festus; Rohumaa, Anti; Dembovski, Karl Harold; Ruponen, Jussi; Kallakas, Heikko; Kers, Jaan Proceedings of the 11th European Conference on Wood Modification 2025 / p. 165-172 https://doi.org/10.1007/978-3-031-99418-0_21

Effect of asymmetry of incident wave on the maximum runup height

Didenkulova, Irina; Denissenko, Petr; Rodin, Artem; Pelinovsky, Efim Journal of coastal research 2013 / p. 207-212 : ill <https://doi.org/10.2112/SI65-036> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of atomic oxygen irradiation on the structural and tribological properties of the MoS₂/Al₂O₃/PI composites

Zhao, Gai; Wang, Qihua; Hussainova, Irina; Ding, Qingjun Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 239-243 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.239> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of basalt reinforcement type and content on the abrasive wear behaviour of polymer composites

Antonov, Maksim; Kers, Jaan; Liibert, Laura; Shuliak, Volodymyr; Smirnov, Anton; Bartolome, Jose F. Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology

(BALTMATTRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 181-188 : ill
<https://doi.org/10.4028/www.scientific.net/KEM.674.181> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of bilge keel variations on the designed fast patrol boats to hull resistance and stability behaviours

Rahmaji, Tri; Prabowo, Aditya Rio; Muhayat, Nurul; Tuswan, Tuswan; Putranto, Teguh IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012048 <https://doi.org/10.1088/1755-1315/1166/1/012048> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The effect of build direction on the thermal conductivity of additively manufactured AIS10Mg and silicon-steel samples

Sarap, Martin; Kallaste, Ants; Shams Ghahfarokhi, Payam; Tiismus, Hans; Vaimann, Toomas 2022 International Conference on Electrical Machines (ICEM) 2022 / p. 538-543 <https://doi.org/10.1109/ICEM51905.2022.9910944>

Effect of ceramic reinforcement on the microstructural, mechanical and tribological behavior of Al-Cu alloy metal matrix composite

Aktar Zahid Sohag, Md; Gupta, Pallav; Kondal, Neha; Kumar, Devendra; Singh, Neera; Jamwal, Anbesh Materials today: proceedings 2020 / p. 1407-1411 <https://doi.org/10.1016/j.matpr.2019.08.179> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of coffee on EEG spectral assymetry

Saifudinova, Maie; Bachmann, Maie; Lass, Jaanus; Hinrikus, Hiie World Congress on Medical Physics and Biomedical Engineering, June 7–12, 2015, Toronto, Canada 2015 / p. 1030-1033 https://doi.org/10.1007/978-3-319-19387-8_251 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of distributed photovoltaic generation on the voltage magnitude in a self-contained power supply system

Lukutin, Boris V.; Shandarova, Elena B.; Makarova, A.F.; Švartsman, Inna International Scientific and Practical Conference on Urgent Problems of Modern Mechanical Engineering 17–18 December 2015, Yurga, Russia 2016 / art. 012005
<https://doi.org/10.1088/1757-899X/127/1/012005> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of double-slope modulation signals on conducted emissions and efficiency of strongly coupled magnetic resonance WPT systems

Stepins, Deniss; Zakis, Janis; Audze, Janis; Husev, Oleksandr; Shevchenko, Viktor; Pakhaliuk, Bohdan 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2019 / 4 p
<https://doi.org/10.1109/RTUCON48111.2019.8982351>

Effect of droop control curves on the efficiency of dual-active bridge converters

Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri IECON 2023- 49th Annual Conference of the IEEE Industrial Electronics Society IECON Proceedings (Industrial Electronics Conference) 2023 / 6 p
<https://doi.org/10.1109/IECON51785.2023.10312056> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Effect of freezing and thawing on the performance of “capillary active” insulation systems: a comparison of results from climate chamber study to HAM modelling

Klůšeiko, Paul; Varda, Kadi; Kalamees, Targo Energy procedia 2017 / P. 525-530 : ill <https://doi.org/10.1016/j.egypro.2017.09.714>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of grain growth inhibitors VC/Cr3C2 on WC-ZrO2-Ni composite mechanics

Yung, Der-Liang; Dong, Minjie; Hussainova, Irina Engineering materials & tribology XXII 2014 / p. 106-109
<https://doi.org/10.4028/www.scientific.net/KEM.604.106> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Effect of hard cyclic viscoplastic deformation on phases chemical composition and micromechanical properties evolution in single crystal Ni-based superalloy

Kommel, Lembit Acta physica polonica A 2015 / p. 681-683 : ill <https://doi.org/10.12693/APhysPolA.128.681> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Effect of hot dip galvanizing on the mechanical properties of high strength steels

Sepper, Sirli; Peetsalu, Priidu; Saarna, Mart; Mikli, Valdek; Kulu, Priit Engineering materials & tribology XXII 2014 / p. 12-15 : ill
<https://doi.org/10.4028/www.scientific.net/KEM.604.12> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Effect of hybrid modulation on performance of wireless battery charger operating in CC/CV mode

Stepins, Deniss; Kathari, N.; Zakis, Janis; Husev, Oleksandr; Pakhaliuk, Bohdan; Shevchenko, Viktor IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / 6 p <https://doi.org/10.1109/IECON48115.2021.9589544>

The effect of hydronic balancing on room temperature and heat pump efficiency of a building with underfloor heating

Thalfeldt, Martin; Simson, Raimo; Kurnitski, Jarek Energy procedia 2016 / p. 467-477 : ill
<https://doi.org/10.1016/j.egypro.2016.09.178> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of Infector's location and occupants' activity level on airborne spread in a gym – an experimental and CFD study
Ejaz, Muhammad Farhan; Kilpeläinen, Simo; Mikola, Alo; Kiil, Martin; Kurnitski, Jarek; Kosonen, Risto E3S Web of Conferences : Roomvent Conference 2024 2024 / 5 p <https://invitepeople.com/public/events/fe41371a0b/pages/ed19d3ae89>

The effect of local cold and warm exposure on index finger photoplethysmographic signal waveform
Pilt, Kristjan; Meigas, Kalju; Temitski, Kristina; Viigimaa, Margus 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2013 / p. 2300-2303 <https://doi.org/10.1109/EMBC.2013.6609997> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of mission profile resolution on photovoltaic energy yield prediction in Python and MATLAB
Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri; Blaabjerg, Frede 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2021 / 5 p. : ill <https://doi.org/10.1109/CPE-POWERENG50821.2021.9501222>

Effect of negative and positive emotions on EEG spectral asymmetry
Päeske, Laura; Bachmann, Maie; Lass, Jaanus; Hinrikus, Hiie 2015 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2015 / p. 8107 - 8110 <https://doi.org/10.1109/EMBC.2015.7320275> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The effect of niobium on in situ synthesis of titanium carbide in composite hardfacings
Yöyler, Sibel; Surzhenkov, Andrei; Viljus, Mart; Traskmaa, Rainer; Juhani, Kristjan Materials Engineering and Modern Manufacturing, MeMM 2023 : Selected peer-reviewed extended articles based on abstracts presented at the 30th International Baltic Conference "Materials Engineering and Modern Manufacturing 2023", MeMM 2023 Materials science forum 2023 / p. 55-60 <https://doi.org/10.4028/p-A5WzJl>

The effect of niobium on the microstructure evolution of ferritic stainless steel matrix cermets
Kolnes, Märt; Juhani, Kristjan; Kübarsepp, Jakob; Viljus, Mart Modern materials and manufacturing 2023 2024 / art. 040011 <https://doi.org/10.1063/5.0190158> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of oxidation on sliding wear behavior of NiCrSiB-TiB₂ plasma sprayed coatings
Umanskii, A.; Hussainova, Irina; Storozhenko, M.; Terentyev, O.; Antonov, Maksim Engineering materials & tribology XXII 2014 / p. 16-19 <https://doi.org/10.4028/www.scientific.net/KEM.604.16> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The effect of positive pressure on indoor air quality in a deeply renovated school building - a case study
Vornanen-Winqvist, Camilla; Toomla, Sander; Ahmed, Kaiser; Kurnitski, Jarek; Mikkola, Raimo; Salonen, Heidi Energy procedia 2017 / p. 165-170 : ill <https://doi.org/10.1016/j.egypro.2017.09.679> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Effect of process parameters on the properties of β -Ti-Nb-based alloys fabricated by selective laser melting: A review
Subramanian, Shangavi; Mohanty, Shalini; Prashanth, Konda Gokuldoss Materials today: proceedings 2023 <https://doi.org/10.1016/j.matpr.2023.03.461> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of sintering method on surface fatigue of carbide composites
Petrov, Mihail; Kübarsepp, Jakob; Sergejev, Fjodor; Viljus, Mart; Tarraste, Marek Engineering materials and tribology XXV 2017 / p. 368-372 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.368> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of solid lubricants on wear of PVD-coated spark plasma-sintered TiB₂/Ti composites
Luszcz, Maciej; Michalczewski, Remigiusz; Kalbarczyk, Marek; Osuch-Slomka, Edyta; Liu, Le; Antonov, Maksim; Hussainova, Irina Modern materials and manufacturing 2023 2024 / art. 040010 <https://doi.org/10.1063/5.0190460> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Effect of surface features stiffness on tribological performance of 3D printed light-weight Ti6Al4V alloy
Antonov, Maksim; Pohlak, Meelis; Ivanov, Roman; Hussainova, Irina Modern materials and manufacturing 2023 2024 / art. 040015 <https://doi.org/10.1063/5.0189279> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The effect of temperature, humidity and mechanical properties on crack formation on external thin plasters of ETICS
Volkova, Kristina; Pöldaru, Mattias; Ilomets, Simo; Kalamees, Targo; Talvik, Martin; Heim, Dariusz Journal of physics : conference series 2021 / art. 012025, 8 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012025> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of thermal shock treatment parameters on the efficiency of WC-Co cermet recycling
Kariminejad, Arash; Antonov, Maksim; Kumar, Rahul, 1993-; Goljandin, Dmitri; Klimczyk, Piotr; Viljus, Mart AIP conference proceedings 2024 / art. 040013 <https://doi.org/10.1063/5.0189330> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of thermal spraying method on the microstructure and wear behaviour of FeNiCrBSiC-CrB₂ coating
Umanskiy, O.; Storozhenko, M.; Antonov, Maksim; Terentyev, O.; Koval, O.; Goljandin, Dmitri Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer

reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 37-42 : ill https://www.ester.ee/record=b5235278*est <https://www.scientific.net/KEM.799.37> <https://doi.org/10.4028/www.scientific.net/KEM.799.37> Conference proceeding at Scopus Article at Scopus

Effect of TiB₂ additives on wear behavior of NiCrBSi-based plasma-sprayed coatings

Umanskyi, Oleksandr; Storozhenko, Maryna; **Hussainova, Irina**; Terentjev, Oleksandr; Kovalchenko, Andrey; **Antonov, Maksim** Materials science = Medžiagotyra 2016 / p. 15-19 : ill <https://doi.org/10.5755/j01.ms.22.1.7307> Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

Effect of WC grain size and content on erosive wear of manual arc welded hardfacings with low-carbon ferritic-pearlitic steel or stainless steel matrix

Katinas, Egidijus; **Antonov, Maksim**; Jankauskas, Vytenis; Skirkus, Remigijus Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 213-218 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.213> Conference Proceedings at Scopus Article at Scopus

Effects of annotation quality on model performance

Alhazmi, Khaled; Alsumari, Walaa; Seppo, Indrek; Podkuiko, Lara; **Simon, Martin** 2021 International Conference on Artificial Intelligence in Information and Communication (ICAIC), 13-16 April 2021 2021 / p. 063-067 <https://doi.org/10.1109/ICAIC51459.2021.9415271>

Effects of culture on public behavior patterns in crisis situations

Teichmann, Mare; **Kaugerand, Jaanus**; **Ehala, Johannes**; **Meriste, Merik**; **Rannat, Kaleb** Proceedings of Conference on Cognitive and Computational Aspects of Situation Management 2023 2024 / p. 66 - 79 <https://doi.org/10.29007/r4p9> Conference Proceedings at Scopus Article at Scopus

Effects of energy retrofits on indoor air quality in three Northern European countries

Prasauskas, Tadas; Martuzevicius, Dainius; **Kalamees, Targo**; **Kuusk, Kalle**; Leivo, Virpi; Haverinen-Shaughnessy, Ulla Energy procedia 2016 / p. 253-259 : ill <https://doi.org/10.1016/j.egypro.2016.09.134> Conference Proceedings at Scopus Article at Scopus Article at WOS

Effects of PV microgeneration on rural LV network voltage quality - harmonics and unbalance

Hürmeýdan, Semih; **Rosin, Argo**; **Vinnal, Toomas** PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 97-100 : ill <https://doi.org/10.1109/PQ.2016.7724096>

Effects of the inclusion of armchair graphene nanoribbons on the electrical conduction properties of NN-heterojunction 4H-6H/SiC diodes

Rashid, Muhammad Haroon; **Koel, Ants**; **Rang, Toomas** Advanced Materials and Processing Technologies : 2nd International Conference on Sensors, Materials and Manufacturing (ICSMM 2018, November 19-21, 2018, Taiwan); International Conference on Materials Sciences and Nanomaterials (ICMSN 2018, July 11-13, 2018, United Kingdom) and the 2nd International Conference on Materials and Intelligent Manufacturing (ICMIM 2018, August 24-26, 2018, Japan) 2019 / p. 29-35 : ill <https://doi.org/10.4028/www.scientific.net/MSF.962.29> Conference proceeding at Scopus Article at Scopus

Effects of voltage transients on the DC droop control in residential nanogrids

Roasto, Indrek; **Blinov, Andrei**; **Vinnikov, Dmitri**; **Jalakas, Tanel** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227464>

Efficiency and loss distribution analysis of the 3L-Active NPC qZS inverter

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; Fernao Pires, Vitor; **Husev, Oleksandr** 2018 IEEE 12th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2018) : Doha, Qatar, 10-12 April 2018 2018 / p. 449-454 : ill <https://doi.org/10.1109/CPE.2018.8372560>

Efficiency study of the single-phase solar qZS-based inverter

Husev, Oleksandr; **Stepenko, Serhii**; **Vinnikov, Dmitri**; Roncero, Carlos; Santasheva, Elena; Romero-Cadaval, Enrique IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 4399-4404 <https://doi.org/10.1109/IECON.2019.8926655> Conference proceedings at Scopus Article at Scopus Article at WOS

An efficient analog convolutional neural network hardware accelerator enabled by a novel memoryless architecture for insect-sized robots

Dadras, Iman; **Ahmadilivani, Mohammad Hasan**; Banerji, Saoni; **Raik, Jaan**; Abloo, Alvo 2022 11th International Conference on Modern Circuits and Systems Technologies (MOCASST) : Bremen, Germany : 08-10 June 2022 2022 / p. 1-6 <https://doi.org/10.1109/MOCASST54814.2022.9837551>

An efficient assistance in cavity filter tuning using filter screw classification

Sekhri, Even; **Tamre, Mart**; Kapoor, Rajiv Advances in artificial-business analytics and quantum machine learning : select

proceedings of the 3rd international conference, Com-IT-Con 2023, volume 1 2024 / p. 791-799 https://doi.org/10.1007/978-981-97-2508-3_58 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Efficient energy recovery from textile waste and biomass mixture

Kramens, Janis; Vigants, Edgars; Kanukuntla, Sai-Pavan; **Goljandin, Dmitri** Engineering for Rural Development ; vol. 22 2023 / p. 817 - 825 <https://doi.org/10.22616/ERDev.2023.22.TF161> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Efficient fault injection based on dynamic HDL slicing technique

Bagbaba, Ahmet Cagri; Jenihhin, Maksim; Raik, Jaan; Sauer, Christian 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS 2019) : 1-3 July 2019, Greece 2019 / p. 52-53 : ill <https://doi.org/10.1109/IOLTS.2019.8854419>

Efficient methodology for ISO26262 functional safety verification

Augusto da Silva, Felipe; **Bagbaba, Ahmet Cagri;** Hamdioui, Said; Sauer, Christian 2019 IEEE 25th International Symposium on On-Line Testing and Robust System Design (IOLTS), 1-3 July 2019, Rhodes, Greece 2019 / p. 255-256 <https://doi.org/10.1109/IOLTS.2019.8854449>

An efficient neural network for the diagnosis of Parkinson's disease using dynamic handwriting analysis

Wang, Xuechao; **Nömm, Sven;** Huang, Junqing; Chatzakou, Marianna; Ruzhansky, Michael Extended Abstracts MWCAPDE 2023 : Methusalem Workshop on Classical Analysis and Partial Differential Equations 2024 / p. 97 - 104 https://doi.org/10.1007/978-3-031-41665-1_11 [Article Collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Efficient on-device transfer learning using activation memory reduction

Yoosefi, Amin; Mousavi, Hamid; **Daneshtalab, Masoud;** Kargahi, Mehdi 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 210-215 <https://doi.org/10.1109/FMEC59375.2023.10306182>

An efficient roadside unit deployment method for vehicular ad-hoc networks

Ben Chaabene, Seif; Yeferny, Taoufik; **Ben Yahia, Sadok** Procedia computer science 2020 / p. 771-780 <https://doi.org/10.1016/j.procs.2020.09.072> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

e-Governance as a future option

Ramiro Troitino, David E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 1-6 https://doi.org/10.1007/978-3-031-56045-3_1 https://www.ester.ee/record=b5703480*est

e-Governance education for sustainable development: prioritising sustainable development goals and building capabilities to drive progress : an AHP approach

Labanava, Alena; Liiv, Innar; Pappel, Ingrid Proceedings of the 16th International Conference on Theory and Practice of Electronic Governance 2023 / p. 206-213 <https://doi.org/10.1145/3614321.3614350>

E-government services migration to the public cloud : experiments and technical findings

Kotka, Taavi; Johnson, Bruce; Cebul, Tomaz; Lovosevic, Luka; **Liiv, Innar** Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 62-76 : ill https://doi.org/10.1007/978-3-319-44159-7_5 http://www.ester.ee/record=b4645628*est [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

eID public acceptance in Estonia : towards understanding the citizen

Tsap, Valentyna; Lips, Silvia; Draheim, Dirk The Proceedings of the 21st Annual International Conference on Digital Government Research (DGO2020), Intelligent Government in the Intelligent Information Society : June 15-19, 2020, Seoul, Republic of Korea 2020 / p. 340-341 <https://doi.org/10.1145/3396956.3397009> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

eIDAS implementation challenges : the case of Estonia and the Netherlands

Lips, Silvia; Bharosa, Nitesh; **Draheim, Dirk** Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 75-89 https://doi.org/10.1007/978-3-030-67238-6_6 [Conference proceeding at Scopus](#) [Article at Scopus](#)

e-identity : a step forward to European Digital Citizenship

Ramiro Troitino, David; Mazur, Viktoria E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 57-70 https://doi.org/10.1007/978-3-031-56045-3_5 https://www.ester.ee/record=b5703480*est

ELC-ECG: efficient LSTM cell for ECG classification based on quantized architecture

Mirsalari, Seyed Ahmad; Nazari, Najmeh; Ansarmohammadi, Seyed Ali; Sinaei, Sima; Salehi, Mostafa E.; **Daneshtalab, Masoud** 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISCAS51556.2021.9401261> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

E-learning environment identification system : error injection and patterns dynamics

Kumlander, Deniss Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 917-924

https://doi.org/10.1007/978-1-4614-3535-8_76 Conference Proceedings at Scopus Article at Scopus

Electric and hybrid vehicles : From smart energy storage systems to mechanical transmission

Sekhri, Even; Mohamed, Mahmoud Ibrahim Hassanin; Zequera, Rolando Antonio Gilbert; Rassölkin, Anton Smart Electric and Hybrid Vehicles : Advancements in Materials, Design, Technologies, and Modeling 2025 / p. 71-126
<https://doi.org/10.1002/9781394225040.ch3>

Electric power management and control in DC buildings—state-of-the-art and emerging technologies

Blinov, Andrei; Roasto, Indrek; Chub, Andrii; Emiliani, Pietro; Vinnikov, Dmitri Power Quality : Infrastructures and Control 2023 / p. 67-96 https://doi.org/10.1007/978-981-19-7956-9_3

Electrical characterization of annealed chemical-bath-deposited CdS films and their application in superstrate configuration CdTe/CdS solar cells

Graf, Aleksandr; Maticiu, Natalia; Spalatu, Nicolae; Mikli, Valdek; Mere, Arvo; Gavrilov, Aleksei; Hiie, Jaan Thin solid films 2015 / p. 351-355 : ill <https://doi.org/10.1016/j.tsf.2014.11.003> Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

Electrical conductivity and mechanical properties of Cu-0.7wt% Cr and Cu-1.0wt% Cr alloys processed by severe plastic deformation

Kommel, Lembit; Pokatilov, Andrei IOP conference series : materials science and engineering 2014 / p. 1-7 : ill <https://doi.org/10.1088/1757-899X/63/1/012169> Conference proceedings at Scopus Article at Scopus Article at WOS

Electrochemical behaviour of TiCN and TiAlN gradient coatings prepared by lateral rotating cathode arc PVD technology

Baroninš, Janis; Podgurski, Vitali; Antonov, Maksim; Bereznev, Sergei; Hussainova, Irina Engineering materials and tribology XXV 2017 / p. 414-418 <https://doi.org/10.4028/www.scientific.net/KEM.721.414> Journal metrics at Scopus Article at Scopus

Electrochemical synthesis of CdSe/CdTe nanowires for hybrid photovoltaic structures

Gurevits, Jelena; Bereznev, Sergei; Mikli, Valdek; Naidu, Revathi; Mellikov, Enn; Kois, Julia Materials Research Society symposium proceedings 2014 / [6] p. : ill <https://doi.org/10.1557/opl.2014.576> Conference proceedings at Scopus Article at Scopus

Electrochemically deposited ZnO nanostructure on ZnO:V seeding layer

Lovchinov, Konstantin; Petrov, Miroslav; Mikli, Valdek; Dimova-Malinovska, Doriana INERA Workshop: Transition Metal Oxide Thin Films-functional Layers in "Smart windows" and Water Splitting Devices. Parallel session of the 18th International School on Condensed Matter Physics 4–6 September 2014, Varna, Bulgaria 2014 / art. 012020, 4 p. : ill <https://doi.org/10.1088/1742-6596/559/1/012020> Journal metrics at Scopus Article at Scopus Article at WOS

Electrochemically synthesized MIPs for sensor applications in healthcare diagnostics

Ayankojo, Akinrinade George; Reut, Jekaterina; Söritski, Vitali Molecularly imprinted polymers : Computational studies to advanced applications 2025 / p. 167-197 https://doi.org/10.1007/978-3-031-67368-9_6

Electroconductive oxide ceramics with graphene-encapsulated fillers

Hussainova, Irina; Drozdova, Maria; Ivanov, Roman; Kale, Sudhir S.; Jasiuk, Iwona Proceedings of the 42nd international conference on advanced ceramics and composites 2019 / p. 251–258 <https://doi.org/10.1002/9781119543343.ch25> Conference proceeding at Scopus Article at Scopus Article at WOS

Electrode optimization for bioimpedance based central aortic blood pressure estimation

Metshein, Margus; Kõiv, Hip; Annus, Paul; Min, Mart World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 497-501 https://doi.org/10.1007/978-981-10-9038-7_92 Conference Proceedings at Scopus Article at Scopus Article at WOS

Electrodeposited molybdenum oxide coatings for thin film chalcopyrite solar cells

Ganchev, Maxim; Dimitrov, Dimitar; Stankova, Stanka; Katerski, Atanas; Gadjev, Iliya; Volobujeva, Olga; Mere, Arvo; Bereznev, Sergei; Krunks, Malle 10th Jubilee Conference of the Balkan Physical Union 2019 / art. 140002 <https://doi.org/10.1063/1.5091317> Conference proceedings at Scopus Article at Scopus Article at WOS

Electroencephalography as an objective indicator of stress

Gavriljuk, Marietta; Uudeberg, Tuuli; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo; Bachmann, Maie 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12–14, 2023, Liepaja, Latvia 2023 / p. 221–226 https://doi.org/10.1007/978-3-031-37132-5_28 Conference proceedings at Scopus Article at Scopus

An electrolytic capacitor-less multiple-output LED driver with a universal input voltage

Awad, Khaled; Abdelrahim Abdelghafour, Omar Mohamed; Gaafar, Mahmoud A.; Orabi, Mohamed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 6 l. <https://doi.org/10.1109/ENERGYCON53164.2022.9830255>

Electronics design and testing of the CMS Fast Beam Condition Monitor for HL-LHC

Shibin, Konstantin; Auzinger, Georg; Bakhshiansohi, Hamed; Dabrowski, Anne; Dierlamm, Alexander; Dragicevic, Marko; Gholami, Asghar; Gomez, Gervasio; Guthoff, Moritz; Haranko, Mykyta; Honma, Alan; **Jenihhin, Maksim** Journal of physics : conference series 2023 / p. 50-51 <https://doi.org/10.48550/arXiv.2410.14867>

Elemental composition and structural characteristics of as-received TriTanium™ orthodontic archwire

Ilievskia, I.; Petrov, V.; Mihailov, V.; Karatodorov, S.; Andreeva, L.; Zaleski, A.; **Mikli, Valdek**; Gueorgieva, M.; Petrova, V. 20th International Summer School on Vacuum, Electron and Ion Technologies (VEIT 2017), 25-29 September 2017, Sozopol, Bulgaria 2018 / art. 012036, 5 p. : ill <https://doi.org/10.1088/1742-6596/992/1/012036> [Journal metrics](#) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Elemental composition and structural characteristics of Bio-active™ orthodontic archwire

Stoyanova-Ivanova, Angelina K.; Mihailov, V.; Georgiev, Velizar; Georgieva, Mirela; Petrov, Valeri G.; Andreeva, Laura A.; Petrova, N.L.; **Mikli, Valdek** 23rd International Summer School on Vacuum, Electron and Ion Technologies 2023 : 18/09/2023-22/09/2023, Sozopol, Bulgaria 2024 / 5 p., art. 012029 <https://doi.org/10.1088/1742-6596/2710/1/012029> [Article at Scopus](#) [Conference proceedings at Scopus](#)

Elevator passenger in-cabin behaviour – a study on Smart-Elevator Platform

Basov, Kevin; **Robal, Tarmo**; **Reinsalu, Uljana**; **Leier, Mairo** Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 3-18 : ill https://doi.org/10.1007/978-3-031-09850-5_1 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Embedded electronics influence on the strength of carbon fiber laminate

Herranen, Henrik; **Kers, Jaan**; **Preden, Jürjo-Sören**; **Talalaev, Robert**; **Eerne, Martin**; **Majak, Jüri**; **Lend, Henri**; **Allikas, Georg** Advances in applied materials and electronics engineering III 2014 / p. 239-243 <https://doi.org/10.4028/www.scientific.net/AMR.905.239> [Article at Scopus](#)

Embedded ICG-based stroke volume measurement system : comparison of discrete-time and continuous-time architectures

Gautier, Antoine; Larras, Benoit; **Märtens, Olev**; John, Deepu; Frappe, Antoine IEEE International SOC Conference 2022 / p. 46-51 <https://doi.org/10.1109/SOCC52499.2021.9739386>

Embedment strength of cross-laminated timber for dowels in slotted-in steel plate connections

Tuhkanen, Eero; Hübner, Ulrich World Conference on Timber Engineering 2021, WCTE 2021 2021 / art. 174133 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85120756043&origin=inward&txGid=98d5f676d1869d4562b2d59b5e6a57e9>

Emergence of information, communication and language

Henno, Jaak Information modelling and knowledge bases XXIV 2013 / p. 277-299 <https://doi.org/10.3233/978-1-61499-177-9-277> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Emerging role of industry 5.0 digital twins in demand response electricity market and applications

Onile, Abiodun Emmanuel; **Belikov, Juri**; **Petlenkov, Eduard**; Levron, Yoash IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 6 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10407322>

Emerging technologies and space

Carlo, Antonio; Roux, Lucille Modelling and Simulation for Autonomous Systems : 8th International Conference, MESAS 2021, Virtual Event, October 13–14, 2021 2022 / p. 494-508 https://doi.org/10.1007/978-3-030-98260-7_32 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Empennage sizing using tail volume

Karunanidhi, Ramachandran; Scholz, Dieter; **Majak, Jüri**; **Eerne, Martin** AIP conference proceedings 2022 / art. 380007 <https://doi.org/10.1063/5.0082095> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Employee performance, working time and tiredness in creative R&D jobs : employee survey from Estonia

Hazak, Aaro; **Virkebau, Marko**; Tuulik, Viiru; **Tint, Piia**; Pille, Viive; Sõõru, Erve Springer Proceedings in Business and Economics 2018 / p. 321 - 330 https://doi.org/10.1007/978-3-319-70377-0_22 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Employers* role in the improvement of safety level in Estonian enterprises

Hrenov, Georgi; **Reinhold, Karin**; **Tint, Piia** Vide. Tehnologia. Resursi : XI starptautiskas zinātniski praktiskas konferences materiali 2017. gada 15.-17. junijs. 1. sejums = Environment. Technology. Resources : proceedings of the 11th International Scientific and Practical Conference, June 15-17, 2017. Volume I 2017 / p. 115-120 : tab <https://doi.org/10.17770/etr2017vol1.2520>

Enabling secure MPSoC dynamic operation through protected communication

Azad, Siavoosh Payandeh; **Niazmand, Behrad**; **Jervan, Gert**; Sepulveda, Johanna 2018 25th IEEE International Conference on Electronics Circuits and Systems (ICECS), Bordeaux, France, December 9–12, 2018 2018 / p. 481-484 : ill <https://doi.org/10.1109/ICECS.2018.8617940>

Enabling sensemaking and trust in communities : an organizational perspective

Arakkal Peious, Sijo, Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk iiWAS2021: The 23rd International Conference on Information Integration and Web Intelligence : November 29-December 1, 2021, Linz, Austria : proceedings 2021 / p. 95-103 : ill <https://doi.org/10.1145/3487664.3487678> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Enabling social information exchange via dynamically robust annotations

Pattanaik, Vishwajeet; Suran, Shweta; Draheim, Dirk iiWAS2019 : Proceedings of the 21st International Conference on Information Integration and Web-based Applications & Services : December 2–4, 2019, Munich, Germany 2019 / p. 176–184 : ill <https://doi.org/10.1145/3366030.3366060> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

End-to-end link availability assessments in an optical spectrum as a service use-case

Kaeval, Kaida 2024 International Conference on Optical Network Design and Modeling (ONDM) : proceedings 2024 / 6 p <https://doi.org/10.23919/ONDM61578.2024.10582649>

End-to-end Timing Model Extraction from TSN-Aware Distributed Vehicle Software

Houtan, Bahar; Aybek, Mehmet Onur; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Mubeen, Saad 48th Euromicro Conference on Software Engineering and Advanced Applications : SEAA 2022 : proceedings 2022 / p. 366-369 <https://doi.org/10.1109/SEAA56994.2022.00064>

End-to-end timing modeling and analysis of TSN in component-based vehicular software

Houtan, Bahar; Aybek, Mehmet Onur; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Lundbäck, John; Mubeen, Saad 2023 IEEE 26th International Symposium on Real-Time Distributed Computing (ISORC) 2023 / p. 126-135 <https://doi.org/10.1109/ISORC58943.2023.00025>

Endurance of micro-perforated elements in unmanned ground vehicle's small diesel engine silencer application

Rämmal, Hans; Lavrentjev, Jüri SAE Technical Paper Series : The 25th Small Engine Technology Conference (SETC2019) : Small Powertrains–Innovating for Their Future Role, International Conference Center Hiroshima, November 19-21, 2019 : Final program 2020 / Paper 2019-32-0533, p. 1-8 http://www.setc-isaee.com/2019docs/SETC2019_FinalProgram_all.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

Energy consumption characteristics based on monitored data : a school case study

Vassiljeva, Kristina; Matson, Margarita; Petlenkov, Eduard; Belikov, Juri; Thalfeldt, Martin; Kurnitski, Jarek CLIMA 2022 : REHVA 14th HVAC World Congress 22nd-25th May in Rotterdam, The Netherlands 2022 / 5 p. : ill <https://doi.org/10.34641/clima.2022.274>

Energy consumption evaluation of NOMA-based sustainable scheduling in 6G O-RAN

Latif, Aamir; Alam, Muhammad Mahtab; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick 2024 International Wireless Communications and Mobile Computing (IWCMC) 2024 / p. 484-489 <https://doi.org/10.1109/IWCMC61514.2024.10592553>

Energy efficiency and connectivity maximization for massive machine type communication in multi-cell NOMA

Latif, Aamir; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick; Alam, Muhammad Mahtab 2024 19th Biennial Baltic Electronics Conference (BEC) : October 2-4, 2024, Estonia 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737950> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy management implementation approach for droop-controlled residential DC nanogrids

Hasan, Sayeed; Chub, Andrii; Yadav, Neelesh; Blinov, Andrei; Kurnitski, Jarek; Vinnikov, Dmitri 2025 IEEE Seventh International Conference on DC Microgrids (ICDCM) 2025 / 5 p <https://doi.org/10.1109/ICDCM63994.2025.11144665>

Energy management of an isolated microgrid : a practical case

Ghasemi-Marzbali, Ali; **Ahmadihangar, Roya**; Gouran Orimi, Sina; Shafiei, Mohammad; **Häring, Tobias; Rosin, Argo** IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society, 13-16 October 2021, Toronto, ON, Canada 2021 / 6 p. : ill <https://doi.org/10.1109/IECON48115.2021.9589801> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy performance of ETICS integrated with a flexible photovoltaic panel

Heim, Dariusz; Wieprzowicz, Anna; Knera, Dominika; **Ilomets, Simo; Kalamees, Targo**; Spitalsky, Zdeno Building simulation conference proceedings 2022 / p. 64-71 <https://doi.org/10.26868/25222708.2021.30194>

Energy performance of the Serbian and Estonian family house with a selective absorption facade

Lukic, N.; Nešovic, A.; Nikolic, N.; **Siirde, Andres; Volkova, Anna; Latõšov, Eduard** IOP conference series : materials science and engineering 2019 / art. 012047, 10 p. : ill <https://doi.org/10.1088/1757-899X/659/1/012047> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy related sustainability analysis of shale oil retorting technologies

Gušča, Julija; Siirde, Andres; Eldermann, Meelis Energy procedia 2015 / p. 216-221 : ill <https://doi.org/10.1016/j.egypro.2015.06.031> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy saving potential with smart thermostats in low-energy homes in cold climate

Kull, Tuule Mall; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on

Energy scheduling and flexibility quantification in buildings

Ahmadihangar, Roya; Blinov, Andrei; Pefitsis, Dimosthenis Distributed energy systems : design, modeling, and control 2023 / p. 249-259 : ill <https://doi.org/10.1201/9781003229124-16>

Energy storage and forecasting error impact analysis in photovoltaic equipped residential nano-grids

Hokmabad, Hossein Nouroollahi; Husev, Oleksandr; Belikov, Juri; Vinnikov, Dmitri; Petlenkov, Eduard 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p.
<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227406>

The energy transition geopolitical outlook for the European Union : will Russian gas decline?

Keypour, Javad Changing the Paradigm of Energy Geopolitics: Security, Resources, and Pathways in Light of Global Challenges 2023 / p. 107-135 <https://doi.org/10.3726/b18776>

Energy-efficient autonomous systems - capacity building cross-border educational initiative

Kunicina, Nadezda; Plonis, Darius; Bruzgiene, Rasa; **Rassölkin, Anton** 2025 IEEE 12th Workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE) 2025 / 5 p <https://doi.org/10.1109/AIEEE66149.2025.11050877>

Energy-efficient multi-fragment Markov model guided online model-based testing for MPSoC

Vain, Jüri; Tsiopoulos, Leonidas; Kharchenko, Vyacheslav; **Apneet Kaur; Jenihhin, Maksim; Raik, Jaan; Nömm, Sven** Green IT Engineering: Social, Business and Industrial Applications 2019 / p. 273-297 https://doi.org/10.1007/978-3-030-00253-4_12 [Article collection at Scopus](#) [Article at Scopus](#)

Energy-efficient operation of linear Delta robots with an artificial intelligence model

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard; Semjonova, Natalia 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p <https://doi.org/10.1109/BEC61458.2024.10737977> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy-efficient predictive control of centrifugal multi-pump stations

Vodovozov, Valery; Lehtla, Tõnu; Bakman, Ilja; Raud, Zoja; Gevorkov, Levon PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 233-238 : ill <https://doi.org/10.1109/PQ.2016.7724119>

Engaging citizens in policy making : the potential and challenges of e-participation

Lember, Veiko; Randma-Liiv, Tiina; Vooglaid, Kadi Maria Engaging citizens in policy making : e-participation practices in Europe 2022 / p. 1-10 https://www.ester.ee/record=b5493342*est <https://doi.org/10.4337/9781800374362.00006>

Engineering students mobility: intercultural barriers to achieving intercultural competences

Vodovozov, Valery; Raud, Zoja Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 248-255 https://doi.org/10.1007/978-3-030-68201-9_78 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enhanced Crack Detection in Composite Plates : Integrating Haar Wavelet Transform with Convolutional Neural Networks

Mehrpavar, Marmar; Majak, Jüri; Karjust, Kristo 6th International Conference on Multidisciplinary Design Optimization and Applications (MDOA 2024) 2025 / art. 01008 https://www.e3s-conferences.org/articles/e3sconf/abs/2025/31/e3sconf_mdoa2025_01008/e3sconf_mdoa2025_01008.html
<https://doi.org/10.1051/e3sconf/202563101008>

Enhanced decision mechanism for RAN subslicing in management closed control loop

Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 175-181 : ill <https://doi.org/10.1109/FMEC59375.2023.10306223>

An enhanced NN-based load frequency control design of MGs : a fractional order modeling method

Škiparev, Vjatcheslav; Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227392>

Enhanced optimization of the wideband excitation signal for a bioimpedance measurement

Ojarand, Jaan; **Rist, Marek; Min, Mart** 2015 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2015) : May 11-14, 2015, Pisa, Italy : proceedings 2015 / p. 1801-1806 : ill <https://doi.org/10.1109/I2MTC.2015.7151554> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enhanced switched impedance inverter with tapped inductor

Nozadian, Mohsen Hasan Babayi; **Hassanpour, Naser; Khan, Salman** 2024 IEEE 18th International Conference on Compatibility,

Enhancement of hydrogen storage in metals by using a new technique in Severe Plastic Deformations

Omranpour Shahreza, Babak; Kommel, Lembit; Sanchez, E. Garcia Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 173-178 : ill <https://doi.org/10.4028/www.scientific.net/KEM.799.173> <https://www.scientific.net/KEM.799.173> https://www.ester.ee/record=b5235278*est [Conference proceeding at Scopus](#) [Article at Scopus](#)

Enhancement of the e-invoicing systems by increasing the efficiency of workflows via disruptive technologies

Gunaratne, Hiruni; Pappel, Ingrid Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 60-74 https://doi.org/10.1007/978-3-030-67238-6_5 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Enhancing bandgap depth in locally resonant metastructures via notch-filtered piezoelectric actuation

Alimohammadi, Hossein; Vassiljeva, Kristina; HosseinNia, S. Hassan; **Petlenkov, Eduard** 2024 IEEE International Conference on Industrial Technology (ICIT) 2024 <https://doi.org/10.1109/ICIT58233.2024.10540976> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Enhancing cerebral palsy gait analysis with 3D computer vision : a dual-camera approach

Valla, Elli; Kanter, Gert; Nõmm, Sven; Kuusk, Anton Osvald; Maran, Peeter; Seenmaa, Karl Mihkel; Mägi, Killu; Toomela, Aaro 2024 10th International Conference on Control, Decision and Information Technologies (CoDIT) 2024 / p. 1352-1357 <https://doi.org/10.1109/CoDIT62066.2024.10708137> [Article at Scopus](#)

Enhancing Cybersecurity in Marine Vessels : Integrating Artificial Neural Networks with Inertial Navigation Systems for Resilience Against GPS Cyber-Attacks

Gülmez, Yigit Maritime Cybersecurity 2025 / p. 161-178 https://doi.org/10.1007/978-3-031-87290-7_9

Enhancing employee work engagement through High-performance Work Systems : evidence from an ICT company

Kütt, Maria; Terasmaa, Meelike IEEM 2024 : IEEE International Conference on Industrial Engineering and Engineering Management (IEEM) : Bangkok, Thailand, 15 Dec-18 Dec 2024 2024 / p. 614 - 617 <https://doi.org/10.1109/IEEM62345.2024.10857071> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Enhancing fault resilience of QNNs by selective neuron splitting

Ahmadilivani, Mohammad Hasan; Taheri, Mahdi; Raik, Jaan; Daneshtalab, Masoud; Jenihhin, Maksim 2023 IEEE 5th International Conference on Artificial Intelligence Circuits and Systems (AICAS) 2023 / 5 p. : ill <https://doi.org/10.1109/AICAS57966.2023.10168633>

Enhancing fingerprinting-based 5G positioning accuracy with directionally transmitted synchronization signals

Müürsepp, Ivo; Alam, Muhammad Mahtab 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p. <https://doi.org/10.1109/BEC61458.2024.10737987> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enhancing IoT botnet attack detection in SOC's with an explainable active learning framework

Kalakoti, Rajesh; Nõmm, Sven; Bahsi, Hayretdin 2024 IEEE World AI IoT Congress (AlloT) 2024 / p. 265 - 272 <https://doi.org/10.1109/AlloT61789.2024.10578957> [Article at Scopus](#) [Article at WOS](#)