

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](#)

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>

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 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](#)

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>

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>

Added value of post-secondary education in Estonia

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

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](#)

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>

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 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>

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 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](#)

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>

AI systems to ensure cyber security in space

Pelin Manti, Nebile; **Carlo, Antonio**; Markova, Rada; Jha, Devanshu; Breda, Paola; Abidin, 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](#)

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>

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>

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](#)

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 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 Initial report on the effect of the fiber orientation on the fracture behavior of steel fiber reinforced self-compacting concrete

Herrmann, Heiko; Braunbrück, Andres; Tuisk, Tanel; Goidyk, Oksana; Naar, Hendrik Short fibre reinforced cementitious composites and ceramics 2019 / p. 33-50 https://doi.org/10.1007/978-3-030-00868-0_3 [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>

An overview of wide-voltage range isolated DC-DC converters

Khan, Salman; Chub, Andrii; 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/RTUCON60080.2023.10413144>

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 <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 advanced passive heatsinks for electrical machines enabled by additive manufacturing

Sarap, Martin; Kallaste, Ants; Ghahfarokhi, Payam Shams; Vaimann, Toomas 2023 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings 2023 / p. 1-6 <https://doi.org/10.1109/WEMDCD55819.2023.10110940>

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 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 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; Öiger, 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, Andres; Asad, Bilal; Kudelina, Karolina; Akbar, Siddique 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University

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

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

Analysis of the impact of poisoned data within Twitter classification models

Price, Christopher; Nömm, 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, 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; Korötko, 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 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 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** 2018 XIII International Conference on Electrical Machines (ICEM 2018) : Alexandroupoli, Greece, 3-6 September 2018 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>

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; **Märtens, 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; Nõmm, 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 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> https://link.springer.com/chapter/10.1007/978-3-031-26876-2_15

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 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 BALTMATTRIB 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, Vjatseslav; 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 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](#)

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>

APPRAISER : DNN fault resilience analysis employing approximation errors

Taheri, Mahdi; Ahmadilivani, Mohammad Hasan; Jenihhin, Maksim; Raik, Jaan; Daneshtalab, Masoud 26th International Symposium on Design and Diagnostics of Electronic Circuits and Systems, May 3-5, 2023, Tallinn 2023 / p. [?]
<https://ddec2023.taltech.ee/>

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](#)

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

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

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 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, O.; Belov, A.; Shmygol, N.; **Järvis, Marina;** Cherniavska, O.; Tsalko, T. 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, Richard; 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](#)

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

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>

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 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 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 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 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>

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 naturverträglichen Wasserbau 2021 / S. 45-59 https://doi.org/10.1007/978-3-658-32824-5_4

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](#)

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>

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; Märtens, 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 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>

Automating detection of occurrences of postgresSQL 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](#) [Article 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 - VEHTS. Vol. 1 2024 / p. 204-211 <https://doi.org/10.5220/0012546400003702>

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; Rassõlkin, 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/>

Barriers to digital transformation of the silver economy : challenges to adopting digital skills by the silver generation

Butt, Sidra Azmat; Lips, Silvia; Sharma, Rahul; Pappel, Ingrid; Draheim, Dirk Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97 2023 / p. 151-163 : tab <https://doi.org/10.54941/ahfe1003892>

Bearing fault analysis of BLDC motor intended for electric scooter application

Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Rassõlkin, 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>

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

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

Ferrantelli, Andrea; Thalfeldt, Martin; Kurnitski, Jarek 2022: CLIMA 2022 The 14th REHVA HVAC World Congress 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](#)

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, Anti-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

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 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>

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; Tepljakov, 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

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

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](#)

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 <https://doi.org/10.1088/1757-899X/1296/1/012022>

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](#)

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

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 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>

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](#)

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](#)

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

Vösa, 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

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](#)

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>

Computational 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-technology 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

Bilandi, Rasul Niazmand; 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>

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](#)

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 2022 <https://doi.org/10.4204/eptcs.380>
https://msp.cis.strath.ac.uk/act2022/papers/ACT2022_paper_4328.pdf

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, 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>

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 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

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 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](#)

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](#)

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 2021 / p. 51–68 <https://doi.org/10.48550/arXiv.2102.00096> [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](#)

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.iafastro.directory/event/IAC-2020/paper/59386/>

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 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](#)

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](#)

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](#)

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 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](#)

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

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
https://doi.org/10.1142/9789811259227_0004

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.estee.com/record=b5670538*est

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' 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](#)

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 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>

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

Gilbert Zequera, Rolando Antonio; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants 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>

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

Zarembo, Sergei; Nömm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Recent Challenges in Intelligent Information and Database Systems : 13th Asian Conference, ACIIDS 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](#)

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>

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](#)

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>

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](#)

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>

Combined safety and cybersecurity testing methodology for autonomous driving algorithms

Roberts, Andrew; **Malayjerdi, Mohsen**; **Malayjerdi, 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, Aleksi Oskar Johannes; **Solarte Vasquez, Maria Claudia** 16th International Conference on Interfaces and Human Computer Interaction (IHCI2022) 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 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 AI*3 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>

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](#)

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>

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](#)

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

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

Azizi, Mohammadreza; Husev, Oleksandr; Vinnikov, Dmitri; Veligorskiy, 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

Sleptshuk, Natalja; Lebedev, Alexander A.; Elisseyev, 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 BALTMATRIB 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 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; Sleptsuk, 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 study of plasma clad Fe-based composite hardfacings with in situ synthesized Cr and Ti carbide reinforcement

Tkachivskiy, Dmytro; Viljus, Mart; Traksmas, Rainer; Antonov, Maksim; Surzenkov, 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 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 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

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 I <https://doi.org/10.1109/PowerTech46648.2021.9494752>

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>

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 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 I <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 (RTUON): conference proceedings 2022 / p. 1-6 <https://doi.org/10.1109/RTUON56726.2022.9978855>

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.eston.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 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 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>

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

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>

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 <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](#)

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/LIPcs.CSL.2021.30> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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](#)

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](#)

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; Myrny, 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](#)

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 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

Ibrahim, Mahmoud; Rjabtsikov, Viktor; Jegorov, Sergei; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 156-160 <https://doi.org/10.1109/PEMC51159.2022.9962943>

Conceptual test bench for small class unmanned autonomous vehicle performance estimation

Pütsep, Kristjan; Rassölkin, 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>

Conclusions and outlook : Chapter 14

Pevkur, Aive; Durst, Susanne Digital transformation for entrepreneurship 2024 / p. 243-247 https://doi.org/10.1142/9789811270178_0014

Condition monitoring and fault detection for electrical machines using IOT

Raja, Hadi Ashraf; Vaimann, Toomas; Rassölkin, Anton; Kallaste, Ants Proceedings of the Future Technologies Conference (FTC) 2022. Volume 2 2022 / p. 162-173 https://doi.org/10.1007/978-3-031-18458-1_12

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](#)

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](#)

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, Vjatcheslav; Belikov, Juri; Levron, Yoash 2023 IEEE Power & Energy Society General Meeting (PESGM) 2023 / 5 p. : ill <https://doi.org/10.1109/PESGM52003.2023.10252482>

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 2022 / p. 757-764 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85163701291&origin=inward&txId=c83aa5cf70cab7322515343c3d634b25>

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.eester.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](#)

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](#)

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](#)

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 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>

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 l <https://doi.org/10.1109/ENERGYCON53164.2022.9830201>

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, Yuri 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>

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](#)

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 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>

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&pg=48>

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 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](#)

Creation of digital twin models for renovation: an integrative literature review

Lõhmus, 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>

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; **Hilmola, 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](#)

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 : towards participatory and integrated solutions 2023

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](#)

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; Rüttnann, Tiia 15th International Conference on Robotics in Education (RiE 2024) 2024

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; Mäses, 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](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Cyber Security Risk Analysis for a Virtual Assistant G2C Digital Service Using FAIR Model

Dreyling, Richard; Jackson, Eric B.; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy & eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 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 2023 / p. 55–66 https://doi.org/10.1007/978-3-030-80023-9_4

Cyber vulnerabilities and risks of AI technologies in space applications

Breda, Paola; Abdin, 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](#)

Cyber-physical microgrids : toward flexible energy districts

Rosin, Argo; Ahmadiyahangar, 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; 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. 239-249 : ill <https://doi.org/10.1109/EuroSPW54576.2021.00031>

Cybersecurity threats to space: From conception to the aftermaths

Bonnart, S.; Capurso, A.; **Carlo, Antonio**; Dethlefsen, T. F.; Kerolle, M.; Lim, J.; Pickard, A.; Russo, A.; Zarkan, L. C. 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](#)

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>

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 Engelund; 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 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](#) [Conference Proceedings at WOS](#) [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://ccdcoc.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

Gilbert Zequera, Rolando Antonio; 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-driven approaches based microwave filter tuning - a review

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv 2023

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>

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 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>

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

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](#)

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 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 / art. 14 ; 20 p <https://doi.org/10.4230/LIPIcs.CALCO.2019.14> [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

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, Hayretidin; 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

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 arXiv.org 2023 / 8 p. : ill <https://doi.org/10.48550/arXiv.2303.0822>

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>

Defining requirements for a BIM-enabled learning environment

Witt, Emlyn David Qivitoq; Kähkönen, Kalle; Bragadin, Marco Alvise 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

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](#)

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>

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](#)

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](#)

Design and manufacturing of composite laminates with structural health monitoring capabilities

Herranen, Henrik; Majak, Jüri; Tšukrejev, Pavel; Karjust, Kristo; Märten, 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 optimization of AlN 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 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 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 an additively manufactured polymer composite electrical machine

Sarap, Martin; Kallaste, Ants; Naseer, Muhammad Usman; Tiismus, Hans; Rjabtšikov, Viktor; Ghahfarokhi, Payam Shams; 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 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>

Design procedure and preliminary analysis for the introduction of axial asymmetry in the synchronous reluctance machines

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 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 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](#)

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](#)

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 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 the thermal conductivity of additively manufactured metal specimens

Sarap, Martin; Kallaste, Ants; Ghahfarokhi, Payam Shams; 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>

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>

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 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 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, Stepan; 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; Ibrahim, Mahmoud**; 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>

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>

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](#)

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 / p. 403-417 https://doi.org/10.1007/978-3-031-50040-4_30

Diagnostic possibilities of induction motor bearing currents

Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Demidova, Galina; Karpovich, Dzmity 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462298>

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](#)

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>

Differential 2-rigs

Loregian, Fosco; Trimble, Todd arXiv.org 2022 / 16 p. : ill <https://doi.org/10.48550/arXiv.2103.00938> https://msp.cis.strath.ac.uk/act2022/papers/ACT2022_paper_4413.pdf

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.eester.ee/record=b5557935*est

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](#)

A digital services course to promote teaching of informatics in Estonia

Kikkas, Kaido; 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

Digital sovereignty and participation in an autocratic state : designing an e-petition system for developing countries
Lips, Silvia; Ahmed, Rozha Kamal; Zulfizarzada, 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

Digital transformation for entrepreneurship : Chapter 2
Durst, Susanne 2024 https://doi.org/10.1142/9789811270178_0002

Digital twin based learning from demonstration system for industrial robots
Bondarenko, Yevhen; Pizzagalli, Simone Luca; Kuts, Vladimir; Petlenkov, Eduard; Otto, Tauno Proceedings of the ASME 2023 International Mechanical Engineering Congress and Exposition 2023

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 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

Digital twin service unit development for an EV induction motor fault detection
Rjabtšikov, Viktor; Ibrahim, Mahmoud; Asad, Bilal; Rassölin, Anton; Vaimann, Toomas; Kallaste, Ants; Kuts, Vladimir; Stępien, 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
Korötko, 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>

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](#)

Direct conductor cooling of outer-rotor machine enabled by additive manufacturing

Sarap, Martin; Kallaste, Ants; Ghahfarokhi, Payam Shams; 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 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>

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>

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 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](#)

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 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/>

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

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 Moulllec, 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](#)

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](#)

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>

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>

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 Human-Centric : 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>

Dynamic reconfiguration for wide output voltage range isolated buck-boost PFC converter

Verbytskyi, Ievgen; Nadeem, Mohammad Mahad; Blinov, Andrei; Carvalho, 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>

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 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; De Luca, Francesco; Nejur, Andrei; Madelat, Payam eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st 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>

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>

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](#)

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, CSMMML, 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](#)

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 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](#)

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](#)

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 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>

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>

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 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>

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>

The effect of temperature, humidity and mechanical properties on crack formation on external thin plasters of ETICS

Volkova, K.; **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 spraying method on the microstructure and wear behaviour of FeNiCrBSiC-CrB₂ coating

Umanskyi, 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](#)

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 (ICAIIIC), 13-16 April 2021 2021 / p. 063–067 <https://doi.org/10.1109/ICAIIIC51459.2021.9415271>

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

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>

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](#)

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, EGOS 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](#)

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](#)

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, Dimiter; Stankova, Stanka; **Katerski, Atanas**; Gadjov, 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

An electrolytic capacitor-less multiple-output LED driver with a universal input voltage

Awad, Khaled; **Abdel-Rahim, Omar**; 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>

Elemental composition and structural characteristics of as-received TriTaniumTM orthodontic archwire

Ilievska, 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](#)

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 ICG-based stroke volume measurement system : comparison of discrete-time and continuous-time architectures

Gautier, Antoine; Larras, Benoit; **Mårtens, Olev**; John, Deepu; Frappe, Antoine IEEE International SOC Conference 2022 / p. 46-51
<https://doi.org/10.1109/SOCC52499.2021.9739386>

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; Eerme, 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, Viuu; **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](#)

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 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>

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-jsae.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 OMA vs. NOMA for sustainable scheduling in 6G O-RAN

Latif, Aamir; Alam, Muhammad Mahtab; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick International Wireless Communications and Mobile Computing Conference, IWCMC 2024

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](#)

Energy saving potential with smart thermostats in low-energy homes in cold climate

Kull, Tuule Mail; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 09009, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017209009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy scheduling and flexibility quantification in buildings

Ahmadiyahangar, 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-efficient multi-fragment Markov model guided online model-based testing for MPSoC

Vain, Jüri; Tsiopoulos, Leonidas; Kharchenko, Vyacheslav; **Apneet Kaur; Jenihhin, Maksim; Raik, Jaan; Nõmm, 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](#)

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 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, Vjatšeslav; Nosrati, Komeil; Belikov, Juri; Tepļakov, 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>

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 BALTMATRIB 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 mobility as a service with autonomous last-mile shuttles and data exchange layer for public transport

Kalda, Krister; Sell, Raivo; Kivimäe, Martin AIP conference proceedings 2024 / art. 020006 <https://doi.org/10.1063/5.0189880>

Enhancing public e-service delivery : recognizing and meeting user needs of youngsters in Estonia

Ruus, Marili; Pappel, Ingrid; Tsap, Valentyna; Draheim, Dirk Digital Transformation and Global Society : 4th International Conference, DTGS 2019, St. Petersburg, Russia, June 19-21, 2019 : Revised Selected Papers 2019 / p. 29-40 https://doi.org/10.1007/978-3-030-37858-5_3 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Enhancing semantics-driven recommender systems with visual features

Bendouch, Mounir M.; Frasinicar, Flavius; Robal, Tarmo Advanced Information Systems Engineering 34th International Conference, CAiSE 2022, Leuven, Belgium, June 6-10, 2022, Proceedings 2022 / p. 443-459 https://doi.org/10.1007/978-3-031-07472-1_26 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Enhancing the partner selection process in a Sustainable Partner Network

Ševtšenko, Eduard; Mahmood, Kashif; Karaulova, Tatjana IFAC-PapersOnLine 2019 / p. 2425-2430 : ill <https://doi.org/10.1016/j.ifacol.2019.11.570> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enhancing university visitor satisfaction : a human-robot interaction study on the design and perception of a guiding

robot assistant

Leoste, Janika; Marmor, Kristel; Hollstein, Thomas; Hinkelmann, Heiko; Leoste, Leo Benjamin 15th International Conference on Robotics in Education (RIE 2024) 2024

Ensemble of Tensor Train Decomposition and Quantization Methods for Deep Learning Model Compression

Ademola, Olutosin Ajibola; Petlenkov, Eduard; Leier, Mairo 2022 International Joint Conference on Neural Networks (IJCNN) 2022 <https://doi.org/10.1109/IJCNN55064.2022.9892626> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Environment challenges of e-learning in higher education - the teachers' perspective

Leoste, Janika; Jögi, Larissa; Õun, Tiia; Marjanovic, Ugljesa; Rakic, Slavko; Schöndorfer, Simone; Lefkofridi, Zoe Polyphonic construction of smart learning ecosystems : proceedings of the 7th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 143-156 https://doi.org/10.1007/978-981-19-5240-1_10

Environmental performance-driven urban design: parametric design method for the integration of daylight and urban comfort analysis in cold climates

De Luca, Francesco Computer-aided architectural design. "Hello, Culture" : 18th International Conference, CAAD Futures 2019, Daejeon, Republic of Korea, June 26–28, 2019 : selected papers 2019 / p. 15-31 https://doi.org/10.1007/978-981-13-8410-3_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Erasmus+ strategic partnership as a way to attract young people to engineering

Stepien, Mariusz; Berger, Kevin; Rassölkin, Anton; Vaimann, Toomas Advances in Human Factors in Training, Education, and Learning Sciences : Proceedings of the AHFE 2019 International Conference on Human Factors in Training, Education, and Learning Sciences, July 24-28, 2019, Washington D.C., USA 2020 / p. 252-259 https://doi.org/10.1007/978-3-030-20135-7_25 [Conference proceedings at Scopus](#) [Article at Scopus](#)

E-Residency as a nation branding case

Kimmo, Margarita; Pappel, Ingrid; Draheim, Dirk 11th International Conference on Theory and Practice of Electronic Governance, 4 - 6 April 2018 2018 / p. 419-428 <https://doi.org/10.1145/3209415.3209447> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Estimating quality of transmission in a live production network using machine learning

Müller, Jasper; Fehenberger, Tobias; Patri, Sai Kireet; Kaeval, Kaida; Griesser, Helmut; Tikas, Marko; Elbers, Jörg-Peter 2021 Optical Fiber Communications Conference and Exhibition (OFC) : 6-10 June 2021 : San Francisco, CA, USA 2021 / paper Tu1G.2, 3 p <https://ieeexplore.ieee.org/abstract/document/9489940>

Estimating time constants for underfloor heating control

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek Journal of physics : conference series 2019 / art. 012121, 6 p. : ill <https://doi.org/10.1088/1742-6596/1343/1/012121> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Estimating UWB positioning integrity based on ranging residuals

Tommingas, Mihkel; Ulp, Sander; Alam, Muhammad Mahtab; Mürsepp, Ivo; Laadung, Taavi 2023 24th International Conference on Applied Electromagnetics and Communications (ICECOM) 2023 / 5 p <https://doi.org/10.1109/ICECOM58258.2023.10367954>

Estimation of energy-saving potential and indoor thermal comfort by the central control of the heating curve in old apartment buildings

Hajian, Hatem; Ahmed, Kaiser; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 09002, 10 p. : ill <https://doi.org/10.1051/e3sconf/202124609002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Estonian data embassy and the applicability of the Vienna convention: an exploratory analysis

Robinson, Nick; Kask, Laura; Krimmer, Robert Johannes Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019 2019 / p. 391-396 <https://doi.org/10.1145/3326365.3326417> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Ethical attitudes among engineering students : some preliminary insights

Durst, Susanne; Pevkur, Aive; Parts, Velli Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 780-788 https://doi.org/10.1007/978-3-030-68201-9_77 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Ethical challenges in digital transformation for entrepreneurship : Chapter 3

Pevkur, Aive Digital transformation for entrepreneurship 2024 / p. 17-30 https://doi.org/10.1142/9789811270178_0003

Ethical challenges of ICT for the silver economy

Butt, Sidra Azmat; Draheim, Dirk 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 152-155 : ill <https://doi.org/10.1109/ICEDEG52154.2021.9530895>

Ethics and modern technologies : example of navigating children's rights in an AI-powered learning environment
Chochia, Archil; Sicat, Eden Grace Ninalga Digital development of the European Union : an interdisciplinary perspective 2023 / p. 129-141 : ill https://doi.org/10.1007/978-3-031-27312-4_9 https://www.estser.ee/record=b5557935*est

Ethics education in STEM in Eastern Europe, moral development or Pprofessional education?
Pevkur, Aive Building inclusive ethical cultures in STEM 2024 / p. 121-136 https://doi.org/10.1007/978-3-031-51560-6_8

EU competition law goals and the digital economy : reflecting Estonia's perspective
Pärm-Lee, Evelin Digital development of the European Union : an interdisciplinary perspective 2023 / p. 169-187
https://doi.org/10.1007/978-3-031-27312-4_11 https://www.estser.ee/record=b5557935*est

EU Phare Twinning project "Strengthening enforcement of maritime safety"
Heering, Dan Maritime security and MET 2005 / p. 97-106 <https://www.witpress.com/books/978-1-84564-058-3>

Euler diagrams through the looking glass : from extent to intent
Stapleton, Gem; **Moktefi, Amirouche;** Howse, John; Burton, Jim Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 365-381 : ill https://doi.org/10.1007/978-3-319-91376-6_34 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

European digital finance
Aben, Janika; Etti, Paula Digital development of the European Union : an interdisciplinary perspective 2023 / p. 67-84
https://doi.org/10.1007/978-3-031-27312-4_5 https://www.estser.ee/record=b5557935*est

EuroTeQ as an alliance to promote European engineering education
Vodovozov, Valery; Raud, Zoja; Lehtla, Madis Proceedings of the 15th International Conference on Computer Supported Education (CSEDU 2023). Vol. 2 2023 / p. 601-607 <https://doi.org/10.5220/0011824900003470>

EuroTeQ Project : first impressions and estimates
Vodovozov, Valery; Lehtla, Madis; Raud, Zoja 2022 IEEE 63th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON): conference proceedings 2022 / 5 p
<https://doi.org/10.1109/RTUCON56726.2022.9978799>

EV battery charging converters with wide output DC voltage range
Nadeem, Mohammad Mahad; 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/RTUCON60080.2023.10412960>

Evaluating business meta-models for semantic interoperability with FHIR resources
Randmaa, Rainer; Bossenko, Igor; Klementi, Toomas; Piho, Gunnar; Ross, Peeter HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / p. 1-14
https://ceur-ws.org/Vol-3264/HEDA22_paper_5.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

Evaluating construction education interventions
Olowa, Theophilus Oluwarotimi Olatunde; Witt, Emlyn David Qivitoq; Lill, Irene Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 138-149 https://doi.org/10.1007/978-3-030-68201-9_49 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluating cybersecurity-related competences through serious games
Mäses, Sten 19th Koli Calling Conference on Computing Education Research Koli Calling 2019 : November 21-24, 2019, Koli, Finland : proceedings 2019 / 2 p <https://doi.org/10.1145/3364510.3366163> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluating maritime cluster economic impact : the maritime cluster impact index
Nömmela, Kaidi; Körbe Kaare, Kati Reliability and Statistics in Transportation and Communication : selected papers from the 21st International Multidisciplinary Conference on Reliability and Statistics in Transportation and Communication, RelStat2021, 14-15 October 2021, Riga, Latvia 2022 / p. 556-565 https://doi.org/10.1007/978-3-030-96196-1_51 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluating RuleCore as event processing network model
Astrova, Irina; Koschel, Arne; Kobert, Sebastian Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1 2019 / p. 297–300 : ill
<https://doi.org/10.5220/0008192302970300>

Evaluating the impact of artificial intelligence technologies in public services : towards an assessment framework
Noordt, Colin Pascal van; Misuraca, Gianluca ICEGOV '20 : proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : Athens, Greece, September 23-25, 2020 2020 / p. 8-16 <https://doi.org/10.1145/3428502.3428504> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Evaluating time series database management systems for insurance company

Koschel, Arne; **Astrova, Irina**; Alsleben, Stephan-Tobias; Bellok, Jannis; Meyer, Niklas; Meyer, Sebastian 2022 13th International Conference on Information, Intelligence, Systems and Applications (IISA) : proceedings 2022 / 6 p. : ill <https://doi.org/10.1109/IISA56318.2022.9904360>

Evaluation of anonymization tools for health data

Vovk, Olga; Piho, Gunnar; Ross, Peeter 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. 302–313 https://doi.org/10.1007/978-3-030-87657-9_23 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Evaluation of approaches for designing and developing decentralized applications on blockchain

Udokwu, Chibuzor; Anyanka, Henry; Norta, Alexander ICACS'20 : proceedings of the 4th International Conference on Algorithms, Computing and Systems. ICACS-AECCC 2020: the 2nd African Electronics Computer and Communication Conference, September 18-20, 2020, Virtual Conference 2020 / p. 55-62 <https://doi.org/10.1145/3423390.3426724> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluation of data quality in the Estonian National Health Information System for digital decision support

Bertl, Markus; Kankainen, Kristian Juha Ismo; Piho, Gunnar; Draheim, Dirk; Ross, Peeter Proceedings of the 3rd International Health Data Workshop (HEDA 2023) co-located with Software Technologies: Applications and Foundations (STAF 2023) : Leicester, United Kingdom, July 21, 2023. Vol. 3440 2023 / paper 1, 13 p. : ill <https://ceur-ws.org/Vol-3440/paper1.pdf>

Evaluation of dual-active bridge converter for DC energy buildings

Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Sidorova, Aleksandra; 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-POWERENG58103.2023.10227460>

Evaluation of Geometrical Precision and Surface Roughness Quality for the Additively Manufactured Radio Frequency Quadrupole Prototype

Torims, Toms; Ratkus, G.; Pikurs, D.; Krogere, D.; Vretenar, M.; Cherif, A.; Gruber, S.; Lopez, E.; Pozzi, M.; **Otto, Tauno** 13th International Particle Accelerator Conference, June 12-17, 2022 : conference proceedings 2022 / p. 787-791 : ill <https://doi.org/10.18429/JACoW-IPAC2022-TUOXSP3> <https://accelconf.web.cern.ch/ipac2022/papers/IPAC2022-proceedings.pdf>

Evaluation of Haar wavelet method in engineering applications

Kirs, Maarjuss; Tungel, Ernst International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13–18 September 2018 2019 / art. 330003 <https://doi.org/10.1063/1.5114341> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluation of high performance aluminum for microwave filters

Martin-Iglesias, P.; **Raadik, Taavi**; Teberio, F.; Percaz, J.M.; Martin-Iglesias, S.; Pambaguian, L.; Arregui, I.; Laso, M.A.G. 2019 IEEE MTT-S International Microwave Symposium (IMS), Boston, Massachusetts, 2-7 June 2019 : proceedings 2019 / p. 1183-1186 <https://doi.org/10.1109/MWSYM.2019.8700938> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluation of residual stresses in PVD coatings by means of tubular substrate length variation

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakub; **Adoberg, Eron; Mikli, Valdek; Kübarsepp, Jakob; Peetsalu, Priidu** Residual Stresses 2018 ECRS-10 : 10th European Conference on Residual Stresses (ECRS10) : Leuven, Belgium, 11-14th September, 2018 2018 / p. 131-136 : ill <https://doi.org/10.21741/9781945291890-21>

Event detection based on open information extraction and ontology

Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Computational Collective Intelligence : 11th International Conference, ICCI 2019, Hendaye, France, September 4–6, 2019 : proceedings, part I 2019 / p. 244-255 : ill https://doi.org/10.1007/978-3-030-28377-3_20 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Event-based control for differentially flat systems: application to autonomous underwater vehicle

Kaldmäe, Arvo; Kotta, Ülle; Meurer, Christian; Simha, Ashutosh IFAC-PapersOnLine 2019 / p. 180-185 <https://doi.org/10.1016/j.ifacol.2019.11.775> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Event-driven ECG classification using an open-source, LC-ADC based non-uniformly sampled dataset

Saeed, Maryam; Wang, Qingyuan; **Märtens, Olev**; Larras, Benoit; Frappe, Antoine; Cardiff, Barry; John, Deepu 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISCAS51556.2021.9401333> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Event-driven ECG classification using functional approximation and Chebyshev polynomials

Saeed, Maryam; **Märtens, Olev**; Larras, Benoit; Frappe, Antoine; John, Deepu; Cardiff, Barry 2022 IEEE Biomedical Circuits and Systems Conference (BioCAS), 13-15 Oct. 2022 2022 / p. 595-599 <https://doi.org/10.1109/BioCAS54905.2022.9948612>

Evidence based residential ventilation: sizing procedure and system solutions addressed by REHVA Residential Ventilation Task Force

Kurnitski, Jarek; Thalfeldt, Martin; Weele, Harry van; Toksoy, Macit; Carlsson, Thomas; Vladykova Bednarova, Petra; Seppänen, Olli E3S Web of Conferences : CLIMA 2019 Congress, May 26-29, 2019 2019 / art. 01016, 7 p
<https://doi.org/10.1051/e3sconf/201911101016> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Evidential decision theory via partial Markov categories

Di Lavore, Elena; Roman Garcia, Mario 2023 38th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS) : Boston, MA, USA : 26-29 June 2023 2023 / 14 p. : ill <https://doi.org/10.1109/LICS56636.2023.10175776>

E-voting – an overview of the development in the past 15 years and current discussions

Krimmer, Robert Johannes; Volkamer, Melanie; Duenas Cid, David Electronic Voting : 4th International Joint Conference, E-Vote-ID 2019, Bregenz, Austria, October 1–4, 2019, Proceedings 2019 / p. 1-13 https://doi.org/10.1007/978-3-030-30625-0_1 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

E-Voting System evaluation based on the Council of Europe recommendations: nVotes

Marcos del Blanco, David Yeregui; **Duenas Cid, David;** Alaiz Moreton, Hector Fifth International Joint Conference on Electronic Voting : E-Vote-ID 2020, 6-9 October 2020 : proceedings 2020 / p. 138-154 : ill <https://digikogu.taltech.ee/et/Item/593d1e1a-9bbc-439b-afdc-f72abfcc8afa> [Article at Scopus](#) [Conference proceedings at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

EV-Permanent magnet synchronous motor control strategy evaluation based on digital twin concept

Ibrahim, Mahmoud; Rjabtsikov, Viktor 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227410>

EV-powertrain test bench for digital twin development

Rjabtsikov, Viktor; Ibrahim, Mahmoud; Rassölkin, Anton; Vaimann, Toomas; Kallas, Ants 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 559-563 : ill <https://doi.org/10.1109/PEMC51159.2022.9962879>

An EV-traction inverter data-driven modelling for digital twin development

Ibrahim, Akram Abdalla Mohammed; Raja, Hadi Ashraf; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants 2023 23rd International Scientific Conference on Electric Power Engineering (EPE) 2023 / 5 p <https://doi.org/10.1109/EPE58302.2023.10149230>

Existence of the Yule-Simpson effect : an experiment with continuous data

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab; Vidyarthi, Ankit; **Draheim, Dirk** Proceedings of the Confluence 2022 : 12th International Conference on Cloud Computing, Data Science & Engineering, 27-28 January 2022 : Virtual 2022 / p. 351-355 <https://doi.org/10.1109/Confluence52989.2022.9734211>

Expected vs. unexpected : selecting right measures of interestingness

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Ben Yahia, Sadok; Draheim, Dirk Big Data Analytics and Knowledge Discovery : 22nd International Conference, DaWaK 2020, Bratislava, Slovakia, September 14–17, 2020 : proceedings 2020 / p. 38-47 https://doi.org/10.1007/978-3-030-59065-9_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Experience in an application of project-based learning to teaching of mechanical engineering and energy technology processes control

Höbesaar, Aleksei; Baraškova, Tatjana; Shirokova, Veroonika Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 417-428 https://doi.org/10.1007/978-3-030-68198-2_39 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experiences from maritime logistics distance learning course

Hilmola, Olli-Pekka Kristian; Palu, Riina; Tolli, Andres Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 577-585 https://doi.org/10.1007/978-3-030-68198-2_53 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experiential learning within the context of international partnerships and study abroad programs: a case study of the cooperation between the urban and regional planning program at Michigan State University and the School of Spatial Planning at the Dortmund University of Technology

Kotval, Zenia; Ziegler-Hennings, Christiane; Budinger, Anne Community Engagement Abroad: Perspectives and practices on service, engagement, and learning overseas (Transformations in Higher Education) 2020 / p. 51–63 <https://www.amazon.de/-/en/Pat-Crawford/dp/1611863481?asin=1611863481&revisionId=&format=4&depth=1>

An experiment : finding parents for parentless synsets by means of CILI

Lohk, Ahti; Rebane, Martin; Orav, Heili GWC 2023 : proceedings of the 12th Global Wordnet Conference, 23–27 Jan, 2023, Donostia-San Sebastian, Basque Country 2023 / p. 295–302 <https://aclanthology.org/2023.gwc-1.36>

Experimental analysis of moisture uptake and dry-out in CLT end-grain exposed to free water

Kalbe, Kristo; Annuk, Alvar; Ruus, Aime; Kalamees, Targo Journal of Physics: Conference Series 2021 / art. 012050
<https://doi.org/10.1088/1742-6596/2069/1/012050> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Experimental Characterization of Connectivity for ProSe Direct Discovery in Emergency Scenarios for 6G
Masood, Ali; Alam, Muhammad Mahtab; Moulec, Yannick Le 2023 IEEE Wireless Communications and Networking Conference (WCNC) 2023 / p. 1-6 <https://doi.org/10.1109/WCNC55385.2023.10118649>

Experimental characterization of ProSe direct discovery for emergency scenarios
Masood, Ali; Le Moulec, Yannick; Alam, Muhammad Mahtab 2021 IEEE 7th World Forum on Internet of Things (WF-IoT), 14 June 2021 - 31 July 2021, New Orleans, LA, USA : proceedings 2021 / p. 891-896 <https://doi.org/10.1109/WF-IoT51360.2021.9595305>

An experimental comparison of heuristic coloring algorithms in terms of found color classes on random graphs
Kumlander, Deniss; Kulitškov, Aleksei WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and Applications 2020 / p. 365-375 https://doi.org/10.1007/978-3-030-21803-4_37 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Experimental demonstration of ML-based DWDM system margin estimation
Müller, Jasper; Slyne, Frank; **Kaeval, Kaida**; Troia, Sebastian; Fehenberger, Tobias; Elbers, Jörg-Peter; Kilper, Daniel C.; Ruffini, Marco; Mas-Machuca, Carmen Optical Fiber Communication Conference and Exposition (OFC) : San Diego, California, United States, 5-9 March 2023 2023 / paper Tu2F.2., 3 p. : ill <https://opg.optica.org/abstract.cfm?URI=OFC-2023-Tu2F.2>

Experimental investigation of floating debris impact loading on structures during extreme waves like tsunami
Harish, S.; Sriram, V.; Sundar, V.; Sannasiraj, S.A.; **Didenkulova, Irina** Proceedings of the 28th (2018) International Ocean and Polar Engineering Conference (ISOPE-2018) 2018 / ISOPE-I-18-070, 6 p [Experimental investigation...](#) [Conference proceedings at Scopus](#) [Article at Scopus](#)

Experimental investigation of high viscosity on oil spray cooling system with hairpin winding
Ghahfarokhi, Payam Shams; Kallaste, Ants; Podgornovs, Andrejs; Cardoso, Antonio J. Marques; **Vaimann, Toomas; Sarap, Martin; Rjabtšikov, Viktor** 2023 IEEE 14th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED) 2023 / p. 234-238 <https://doi.org/10.1109/SDEMPED54949.2023.10271484>

Experimental study of noise barrier boards with increased acoustic performance by utilizing Helmholtz resonator effects
Lavrentjev, Jüri; Rämmal, Hans Materials today: proceedings 2020 / p. 2566-2571 <https://doi.org/10.1016/j.matpr.2020.05.402>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility
Vösa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04005, 7 p <https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experimental testing of exterior wall mounted mechanical ventilation exhaust air outlet devices
Palmiste, Ülar; Meier, Tauno; Kurnitski, Jarek; Voll, Hendrik E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experiments on Microclimatically adapt a courtyard to climate change
Naboni, Emanuele; Siani, Rossella; Turrini, Marcello; Touloupaki, Elefteria; Gherri, Barbara; **De Luca, Francesco** IOP Conference Series: Earth and Environmental Science 2023 / art. 012032 <https://doi.org/10.1088/1755-1315/1196/1/012032>

Explainable AI based fault detection and diagnosis system for air handling units
Belikov, Juri; Meas, Molika; Machlev, Ram; **Köse, Ahmet; Tepļakov, Aleksei**; Loo, Lauri; **Petlenkov, Eduard**; Levron, Yoash Proceedings of the 19th International Conference on Informatics in Control, Automation and Robotics - ICINCO, 2022, Lisbon, Portugal 2022 / p. 271-279 <https://doi.org/10.5220/0011350000003271>

Explaining the decisions of deep learning models for load disaggregation (NILM) based on XAI
Machlev, Ram; Malka, Asaf; Perl, Michael; Levron, Yoash; **Belikov, Juri** 2022 IEEE Power & Energy Society General Meeting (PESGM) 2022 / art. 183865, p. 1-5 : ill <https://doi.org/10.1109/PESGM48719.2022.9917049>

Exploratory analysis of collective intelligence projects developed within the EU-Horizon 2020 framework
Suran, Shweta; Pattanaik, Vishwajeet; Ben Yahia, Sadok; Draheim, Dirk Computational Collective Intelligence 11th International Conference, ICCCI 2019, Hendaye, France, September 4-6, 2019, Proceedings, Part II 2019 / p. 285-296 https://doi.org/10.1007/978-3-030-28374-2_25 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Exploratory data analysis for demand-side flexibility quantification
Shahid, Arqum; Ahmadiyahangar, Roya; Rosin, Argo; Maask, Vahur; Martins, João F. 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227408>

Exploring channel probing to determine coherent optical transponder configurations in a long-haul network

Kaeval, Kaida; Rafique, Danish; Blawat, Kamil; Grobe, Klaus; Griesser, Helmut; Elbers, Jörg-Peter; Rydlichowski, Piotr; Binczewski, Artur; Tikas, Marko 2020 Optical Fiber Communications Conference and Exhibition (OFC) : San Diego, California, USA : 8-12 March 2020 : proceedings 2020 / 3 p <https://ieeexplore.ieee.org/document/9083392>

Exploring e-services development in local government authorities by means of electronic document management systems

Pappel, Ingrid; Tsap, Valentyna; Pappel, Ingmar; Draheim, Dirk Electronic Governance and Open Society : Challenges in Eurasia 5th International Conference, EGOSE 2018, St. Petersburg, Russia, November 14–16, 2018 : Revised Selected Papers 2019 / p. 223-234 . ill https://doi.org/10.1007/978-3-030-13283-5_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Exploring factors in a crossroad dataset using cluster-based association rule mining

Shahin, Mahtab; Heidari Iman, Mohammadreza; Kaushik, Minakshi; Sharma, Rahul; Ghasempouri, Tara; Draheim, Dirk Procedia Computer Science : The 13th International Conference on Ambient Systems, Networks and Technologies (ANT) / The 5th International Conference on Emerging Data and Industry 4.0 (EDI40) 2022 / p. 231-238 <https://doi.org/10.1016/j.procs.2022.03.032> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Exploring motivators, enablers, and barriers to circular economy practices implementation in Swedish small and medium-sized enterprises (SMEs)

Ahmadov, Tarlan; Gerstlberger, Wolfgang Dieter; Bondegard, Viktoria Magdalena Social and economic studies within the framework of emerging global developments volume 4 2023 / p. 191-203 <https://www.peterlang.com/document/1383560>

Exploring service margins for optical spectrum services

Kaeval, Kaida; Slyne, Frank; Troia, Sebastian; Kenny, Eoin; Pedreno-Manresa, Jose-Juan; Patri, Sai Kireet; Grobe, Klaus; Kilper, Daniel C.; Ruffini, Marco; **Jervan, Gert** Proceedings European Conference on Optical Communication (ECOC 2022), 18-22 September 2022, Basel, Switzerland 2022 / art. Mo3B.4, 4 p <https://opg.optica.org/abstract.cfm?uri=ECEOC-2022-Mo3B.4>

Exploring the functionalities and evaluation of the Digital Silver Hub : a collaborative platform for innovative solutions in the silver economy

Butt, Sidra Azmat; Pappel, Ingrid; Draheim, Dirk ICEGOV '23 : proceedings of the 16th International Conference on Theory and Practice of Electronic Governance : September 26–29, 2023, Belo Horizonte, Brazil 2023 / p. 371–378 : ill <https://doi.org/10.1145/3614321.3614371>

Extending the “Smart City” concept to small-to-medium sized Estonian municipalities: initiatives and challenges faced

Fröhlich, K. A.; Soe, Ralf-Martin; Maoneke, P.B.; Jain, K.; Pinomaa, A.; Nieminen, M. Information Systems : 19th European, Mediterranean, and Middle Eastern Conference, EMCIS 2022, Virtual Event, December 21–22, 2022 : proceedings 2023 / p. 264–276 https://doi.org/10.1007/978-3-031-30694-5_20

Extent of geotechnical site investigations for buildings in Estonia

Leetsaar, Lehar; Korkiala-Tanttu, Leena; Jaaniso, Valdo; **Kurnitski, Jarek; Idnum, Juhan** 14th Baltic Sea Region Geotechnical Conference : 18-19th of January 2021, Helsinki, Finland 2021 / art. 012001, 12 p. : ill <https://doi.org/10.1088/1755-1315/727/1/012001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Facade-floor-cluster methodology for determining optimal building clusters for solar access and floor plan layout in urban environments

De Luca, Francesco; Nejur, Andrei; Dogan, Timur Computing for a better tomorrow : eCAADe 2018 : proceedings of the 36th International Conference on Education and Research in Computer Aided Architectural Design in Europe : 19th-21st September 2018, Łódź, Poland, Faculty of Civil Engineering, Architecture and Environmental Engineering, Lodz University of Technology ; Vol. 2 2018 / p. 585-594 <https://doi.org/10.52842/conf.ecaade.2018.2.585> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Facilitating cross-sectoral digital product development

Soe, Ralf-Martin Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 795-798 <https://doi.org/10.1145/3428502.3428623> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Factors affecting e-ID public acceptance : a literature review

Tsap, Valentyna; 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. 176-188 : tab https://doi.org/10.1007/978-3-030-27523-5_13 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Factors affecting the deep renovation of a single-family building – a case study

Bergmann, Triinu; Ruus, Aime; Kalbe, Kristo; Kiviste, Mihkel; Tintera, Jiri E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605004> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Factors influencing university students' and lecturers' coping in forced remote learning conditions

Poom-Valickis, Katrin; Rumma, Kirsti; Aus, Kati; Väljataga, Terje INTED2021 : 15th International Technology, Education and Development Conference : Online Conference, 8-9 March, 2021 : proceedings 2021 / p. 7341-7348
<https://doi.org/10.21125/inted.2021.1467>

Factors of socially engineering citizens in critical situations

Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi Advances in Human Factors in Cybersecurity : proceedings of the AHFE 2018 : International Conference on Human Factors in Cybersecurity, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA 2019 / p. 229-240 https://doi.org/10.1007/978-3-319-94782-2_23 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fault detection and predictive maintenance of electrical machines : perspective chapter

Raja, Hadi Ashraf; Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas New Trends in Electric Machines - Technology and Applications 2022 <https://doi.org/10.5772/intechopen.107167>

Fault diagnosis of output-side diode-bridge in isolated DC-DC series resonant converter

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Vinnikov, Dmitri 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 <https://doi.org/10.1109/ENERGYCON53164.2022.9830339>

Fault diagnosis of the tooth belt transmission of Cartesian robot

Autsou, Siarhei; Vaimann, Toomas; Rassõlkin, Anton; Asad, Bilal; Kudelina, Karolina; Huynh, Van Khang 2022 29th International Workshop on Electric Drives : Advances in Power Electronics for Electric Drives : IWED2022 : Moscow Power Engineering Institute, Moscow, Russia : 26th– 29th of January 2022 : Proceedings 2022 / 6 p
<https://doi.org/10.1109/IWED54598.2022.9722578>

Fault diagnosis system of Cartesian robot for various belt tension

Autsou, Siarhei; Vaimann, Toomas; Rassõlkin, Anton; Kudelina, Karolina 2022 International Conference on Diagnostics in Electrical Engineering (Diagnostics) 2022 / 4 | <https://doi.org/10.1109/Diagnostics55131.2022.9905111>

Fault-tolerant control of a grid-connected bipolar DC microgrid with high penetration of intermittent renewable energy

Senanayaka, Jagath; Khang, Huynh Van; Rassõlkin, Anton; Vaimann, Toomas; Zakis, Janis; Pomarnacki, Raimondas IECON 2022 - 48th Annual Conference of the IEEE Industrial Electronics Society 2022 / p. 1-6
<https://doi.org/10.1109/IECON49645.2022.9968572> [Conference proceedings at Scopus](#) [Article at Scopus](#)

FCS-model predictive control of a quadratic buck converter for more efficient data centers

Azadi, Shirin; Flores-Bahamonde, Freddy; Alireza Davari, S.; Torres-Pinzon, C. A.; Chub, Andrii; Rodriguez, Jose 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p
<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227387>

Feasibility study GaN transistors application in the novel split-coils inductive power transfer system with T-type inverter

Shevchenko, Viktor; Pakhaliuk, Bohdan; Husev, Oleksandr; Veligorskyi, Oleksandr; Stepins, Deniss; Strzelecki, Ryszard Industrial and Technological Applications of Power Electronics Systems 2021 / p. 315-330 <https://doi.org/10.3390/en13174535>

Feasibility study of universal power electronics interface operation in 350 V and 700 V residential DC microgrids

Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 7 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227441>

Feature engineering of Weather Data for Short-Term Energy Consumption Forecast

Sinimaa, Maria; Spitsakova, Margarita; Belikov, Juri; Petlenkov, Eduard 2021 IEEE Madrid PowerTech 2021 / 6 p.
<https://doi.org/10.1109/PowerTech46648.2021.9494920>

Fiducial marker-based monocular localization for autonomous docking

Pivonka, Tomas; Sell, Raivo; Pikner, Heiko; Preucil, Libor IFAC-PapersOnLine 2023 / p. 2957-2962
<https://doi.org/10.1016/j.ifacol.2023.10.1419>

Fiducial point estimation solution for impedance cardiography measurements

Märtens, Olev; Metshein, Margus; Abdullayev, Anar; Larras, Benoit; Frappe, Antoine; Gautier, Antoine; Saeed, Maryam; John, Deepu; Cardiff, Barry; Krivošei, Andrei; Annus, Paul; Rist, Marek 2022 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) 2022 / Code 180602 <https://doi.org/10.1109/I2MTC48687.2022.9806596> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Finding indicator diseases of psychiatric disorders in BigData using Clustered Association rule mining

Bertl, Markus; Shahin, Mahtab; Ross, Peeter; Draheim, Dirk SAC '23: proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing : Tallinn Estonia, March 27-31, 2023 2023 / art. 4, p. 826-833 : tab <https://doi.org/10.1145/3555776.3577594>

Fire and mechanical properties of hemp and clay boards for timber structures

Kallakas, Heikko; Liblik, Johanna; Alao, Percy Festus; Poltimäe, Triinu; Just, Alar; Kers, Jaan IOP conference series : earth

and environmental science Central Europe towards Sustainable Building (CESB19) 2–4 July 2019, Prague, Czech Republic 2019 / art. 012019, 8 p. : ill <https://doi.org/10.1088/1755-1315/290/1/012019> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Fire fighters' psychosocial risks and physical fitness : evidence-based study from Estonia

Reinhold, Karin; Järvis, Marina; Hartšenko, Jelena SHS Web of Conferences, vol. 184 2024 / art. 04002
<https://doi.org/10.1051/shsconf/202418404002>

Fire safety in timber buildings

Buchanan, Andrew; Dunn, Andrew; **Just, Alar**; Klippel, Michael; Maluk, Christian; Östman, Birgit; Wade, Colleen Fire safe use of wood in buildings : global design guide 2022 / p. 33-62 : ill <https://doi.org/10.1201/9781003190318-2>

Fire-separating assemblies

Werther, Norman; Dagenais, Christian; **Just, Alar**; Wade, Colleen Fire safe use of wood in buildings : global design guide 2022 / p. 193-226 : ill <https://doi.org/10.1201/9781003190318-6>

A first experimental study of fixed-point approximate arithmetic in recursive lattice filters

Koch, Peter; **Le Moullec, Yannick** 2023 IEEE Nordic Circuits and Systems Conference (NorCAS) 2023 / 6 p
<https://doi.org/10.1109/NorCAS58970.2023.10305450>

First order logic and commonsense reasoning : a path less travelled

Tammet, Tanel; Draheim, Dirk; Järv, Priit; Verrev, Martin ICLP Workshops 2022 : Proceedings of the International Conference on Logic Programming 2022 Workshops, co-located with the 38th International Conference on Logic Programming, ICLP 2022 2022 / art. 182197 <https://ceur-ws.org/Vol-3193/short5GDE.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Fiscal incentives for circular economy : insights from the Baltic states

Ahmadov, Tarlan; Gerstlberger, Wolfgang Dieter; Prause, Gunnar Klaus Business Models for the Circular Economy : a European Perspective 2022 / p. 219-239 https://doi.org/10.1007/978-3-031-08313-6_9

5G testbed implementation and measurement campaign for ground and aerial coverage

Fjodorov, Aleksei; Masood, Ali; Alam, Muhammad Mahtab; Päränd, Sven 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. <https://doi.org/10.1109/BEC56180.2022.9935602>

Flexibly graded monads and graded algebras

McDermott, Dylan; **Uustalu, Tarmo** Mathematics of Program Construction : 14th International Conference on Mathematics of Program Construction, MPC 2022, Tbilisi, September 26-28, 2022 : proceedings 2022 / p. 102-128 : ill https://doi.org/10.1007/978-3-031-16912-0_4 [Conference Proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceeding at WOS](#)

Floor selection proposal for automated travel with smart elevator

Reinsalu, Uljana; Robal, Tarmo; Leier, Mairo Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 https://doi.org/10.1007/978-3-030-57672-1_4 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Flow dynamics in a pipe containing uneven roughness elements

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Truu, Murel; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill <https://drive.google.com/file/d/1sTPCrwLPmq-2C0-NX8siSfWp9WLd54A/view>

FOPID controllers and their industrial applications: a survey of recent results

Tepljakov, Aleksei; Alagoz, Baris Baykant; **Petlenkov, Eduard** IFAC-PapersOnLine 2018 / p. 25-30
<https://doi.org/10.1016/j.ifacol.2018.06.014> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Forecasting available demand-side flexibility

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 39-49
https://doi.org/10.1007/978-981-15-4627-3_4 [Journal metrics at Scopus](#) [Article at Scopus](#)

Forensics analysis of an on-line game over Steam Platform

Tabuyo-Benito, Raquel; **Bahsi, Hayrettdin**; Peris-Lopez, Pedro Digital Forensics and Cyber Crime : 10th International EAI Conference, ICDF2C 2018, New Orleans, LA, USA, September 10–12, 2018, Proceedings 2019 / p. 106-127
https://doi.org/10.1007/978-3-030-05487-8_6 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Forestry crane immersive user interface for control and teleoperation

Pizzagalli, Simone Luca; Bondarenko, Yevhen; Baykara, Baris Cem; Niidas, Alar; Kuts, Vladimir; Kerm, Margus; **Otto, Tauno** Proceedings of ASME 2022 International Mechanical Engineering Congress and Exposition (IMECE2022), 2B: Columbus, Ohio, USA, October 30 - November 3, 2022 2022 / art. IMECE2022-94975 <https://doi.org/10.1115/IMECE2022-94975>

Formal methods based security for cloud-based manufacturing cyber physical system

Muniasamy, Kandasamy; Srinivasan, Seshadhri; **Vain, Jüri**; Sethumadhavan, M. IFAC-PapersOnLine 2019 / p. 1198-1203

<https://doi.org/10.1016/j.ifacol.2019.11.361> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Formal verification of COLREG-Based Navigation of maritime autonomous systems

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina Software Engineering and Formal Methods : 18th International Conference, SEFM 2020, Amsterdam, The Netherlands, September 14-18, 2020 : Proceedings 2020 / p. 41-59 https://doi.org/10.1007/978-3-030-58768-0_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Formal-verification of smart-contract languages : a survey

Dwivedi, Vimal Kumar; Deval, Vipin; Dixit, Abhishek; Norta, Alexander Advances in Computing and Data Sciences : Third International Conference, ICACDS 2019 : Ghaziabad, India, April 12-13, 2019 : revised selected papers, part II 2019 / p. 738-747 https://doi.org/10.1007/978-981-13-9942-8_68 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Formation number of vortex rings

Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 121-139 https://doi.org/10.1007/978-3-030-68150-0_6 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Forward and backward compatibility design techniques applying the HL7 FHIR standard

Bossenko, Igor; Piho, Gunnar; Ross, Peeter HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / p. 1-14 https://ceur-ws.org/Vol-3264/HEDA22_paper_14.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

A foundation for ledger structures

Nester, Chad Mitchell 2nd International Conference on Blockchain Economics, Security and Protocols : Tokenomics 2020, October 26-27, 2020, Toulouse, France 2021 / art. 7, p. 7:1-7:31 <https://doi.org/10.4230/OASlcs.Tokenomics.2020.7>

Foundational concepts for BIM

Sacks, Rafael; **Pikas, Ergo** BIM Teaching and Learning Handbook : Implementation for Students and Educators 2021 / p. 5-22 : ill <https://doi.org/10.1201/9780367855192>

FPGA-based 16-bit 20 MHz device for the inductive measurement of electrical bio-impedance

Priidel, Eiko; Pesti, Ksenija; Min, Mart; Ojarand, Jaan; Märtsens, Olev 2021 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2021), May 17-20, 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/I2MTC50364.2021.9460073>

Fracture and Damage to the Material accounting for Transportation Crash and Accident

Ridwan; **Putranto, Teguh**; Laksono, Fajar Budi; Prawobo, Aditya Rio Procedia Structural Integrity, vol. 27 2020 / p. 38-45 <https://doi.org/10.1016/j.prostr.2020.07.006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fracture estimation based on deformation history with recurrent neural networks

Yatkin, Muhammed Adil; Kõrgesaar, Mihkel 2023 International Conference on Machine Learning and Applications (ICMLA) : proceedings 2023 / p. 1025-1030 <https://doi.org/10.1109/ICMLA58977.2023.00152>

Framework for analysis of the management and organization of e-participation initiatives

Randma-Liiv, Tiina; Vooglaide, Kadi Maria; **Lember, Veiko** Engaging citizens in policy making : e-participation practices in Europe 2022 / p. 11-24 : ill <https://doi.org/10.4337/9781800374362.00007> https://www.ester.ee/record=b5493342*est

Framework for peer-to-peer data sharing over Web browsers

Pattanaik, Vishwajeet; Sharvadze, Ioane; **Draheim, Dirk** Future Data and Security Engineering : 6th International Conference, FDSE 2019 Nha Trang City, Vietnam, November 27-29, 2019 : proceedings 2019 / p. 207-225 : ill https://doi.org/10.1007/978-3-030-35653-8_14 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

A Framework for the adoption of blockchain technology in healthcare information management systems : a case study of Nigeria

Azogu, Irene; **Norta, Alexander; Pappel, Ingrid**; Longo, Justin; **Draheim, Dirk** Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019 2019 / p. 310-316 : ill <https://doi.org/10.1145/3326365.3326405> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A framework for the adoption of blockchain-based e-procurement systems in the public sector : A case study of Nigeria

Akaba, Temofe Isaac; Norta, Alexander; Udokwu, Chibuzor; Draheim, Dirk Responsible Design, Implementation and Use of Information and Communication Technology : 19th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society, I3E 2020, Skukuza, South Africa, April 6-8, 2020 : Proceedings, Part I 2020 https://doi.org/10.1007/978-3-030-44999-5_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A framework for the design and use of virtual labs in digital engineering education

Terkaj, Walter; Pessot, Elena; **Kuts, Vladimir; Bondarenko, Yevhen; Pizzagalli, Simone Luca**; Kleine, Kari AIP conference proceedings 2024 / art. 030003 <https://doi.org/10.1063/5.0189669>

Francois Mitterrand: French leadership in the European Union

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 233-242
https://doi.org/10.1007/978-3-030-96662-1_20

Free fall water entry of a two-dimensional asymmetric wedge in oblique slamming : a numerical study

Hosseinzadeh, Saeed; Izadi, Mohammad; **Tabri, Kristjan** ASME 2020 : 39th International Conference on Ocean, Offshore and Arctic Engineering : Vol. 8: CFD and FSI, August 3-7, 2020 : Virtual, Online : proceedings papers 2020 / Paper No: OMAE2020-18645, V008T08A013 ; 8 pages <https://doi.org/10.1115/OMAE2020-18645> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Free vibration analysis of tapered Timoshenko beam with higher order Haar wavelet method

Mehrpavar, Marmar; Majak, Jüri; Karjust, Kristo; Arda, Mustafa Proceedings of the Estonian Academy of Sciences 2022 / p. 77-83 : ill <https://doi.org/10.3176/proc.2022.1.07> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Free vibration analysis of Timoshenko beam by higher-order Haar wavelet method

Mehrpavar, Marmar; Majak, Jüri; Karjust, Kristo AIP conference proceedings 2023 / art. 250007 <https://doi.org/10.1063/12.0019668>

Freely combining partial knowledge in multiple dimensions (extended abstract)

Draheim, Dirk Future Data and Security Engineering : 5th International Conference, FDSE 2018, Ho Chi Minh City, Vietnam, November 28–30, 2018, Proceedings 2018 / p. 3-11 https://doi.org/10.1007/978-3-030-03192-3_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

From books to blogs : the digitalization journey of a contentpreneur

Mostafa, Hend; Apaydin, Marina; Gold, Shaun; **Hammoda, Basel Osama Sayed Ahmed** Contemporary entrepreneurship : global perspectives and cases 2024 / p. 9-18 <https://doi.org/10.4324/9781003371403-3> https://www.ester.ee/record=b5670538*est

From equations to distinctions: Two interpretations of effectful computations

Voorneveld, Niels Proceedings of the 8th Workshop on Mathematically Structured Functional Programming, MSFP '20, Dublin, Ireland, 25 April 2020 2020 / p. 1-17 <https://doi.org/10.4204/EPTCS.317.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

From experiments to an application : the first prototype of an adjective detector for Estonian

Paulsen, Geda; **Lohk, Ahti**; Tuulik, Maria; Vainik, Ene Electronic lexicography in the 21st century (eLex 2023) : Invisible Lexicography : proceedings of the eLex 2023 conference 2023 / p. 476-500 https://ellex.link/ellex2023/wp-content/uploads/ellex2023_proceedings.pdf

From FPGAs to obfuscated eASICs : design and security trade-offs

Abideen, Zain Ul; Perez, Tiago Diadami; Pagliarini, Samuel Nascimento IEEE Asian Hardware-Oriented Security and Trust (AsianHOST) 2021 / p. 1-4 <https://doi.org/10.1109/AsianHOST53231.2021.9699758>

From near real-time urban data to an explainable city-scale model to help reduce the Urban Heat Island (UHI) effect

Eslamirad, Nasim; De Luca, Francesco; Ben Yahia, Sadok; Lylykangas, Kimmo Sakari Journal of Physics: Conference Series 2023 / art. 092012, p. 1-6 : ill <https://doi.org/10.1088/1742-6596/2600/9/092012>

From sensors to Dempster-Shafer theory and back : the axiom of ambiguous sensor correctness and its applications

Draheim, Dirk; Tammet, Tanel Database and Expert Systems Applications : 31st International Conference, DEXA 2020, Bratislava, Slovakia, September 14–17, 2020 : Proceedings, Part I 2020 / p. 3-19 https://doi.org/10.1007/978-3-030-59003-1_1 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

From technostress to digital well-being : chapter 7

Parts, Velli Digital transformation for entrepreneurship 2024 / p. 95-116 https://doi.org/10.1142/9789811270178_0007

Fronts in the Baltic Sea : a review with a focus on its North-Eastern Part

Suursaar, Ülo; **Elken, Jüri**; Belkin, Igor M. The Handbook of Environmental Chemistry 2022 / p. 1-39
https://doi.org/10.1007/978-3-030-96662-1_813 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Fuel air explosive weapons

Tsybulenko, Evhen International conflict and security law : a research handbook 2022 / p. 379-388 https://doi.org/10.1007/978-94-6265-515-7_17

Fuel cell city buses : grey shadows of green energy

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l.
<https://doi.org/10.1109/BEC56180.2022.9935604>

Fully autonomous ship - will AI make “machine errors” or will they human errors in a new form?

Alop, Anatoli 2023 12th Mediterranean Conference on Embedded Computing (MECO) 2023 / 3 p
<https://doi.org/10.1109/MECO58584.2023.10154946>

Function approximation using Haar wavelets

Majak, Jüri; Eerme, Martin; Haavajõe, Anti AIP conference proceedings 2020 / art. 230004 <https://doi.org/10.1063/5.0026543>
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Functorial language games for question answering

Felice, Giovanni de; Di Lavore, Elena; Roman Garcia, Mario; Toumi, Alexis Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 311–321 <https://doi.org/10.4204/EPTCS.333.21> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fuzzy AHP as a tool for prioritization of key performance indicators

Kaganski, Sergei; Majak, Jüri; Karjust, Kristo Procedia CIRP 2018 / p. 1227-1232 : ill <https://doi.org/10.1016/j.procir.2018.03.097>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Future normative challenges

Tikk, Eneken The Oxford handbook of cyber security 2021 / p. 751–768 <https://doi.org/10.1093/oxfordhb/9780198800682.013.50>

Future of governance for digital platform ecosystems

Kitsing, Meelis; Vallistu, Johanna Proceedings of Fifth International Congress on Information and Communication Technology : ICICT 2020, London ; 2 2021 / p. 334-341 https://doi.org/10.1007/978-981-15-5859-7_33 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Future trends in digital face manipulation and detection

Tolosana, Ruben; Rathgeb, Christian; Vera-Rodriguez, Ruben; Busch, Christoph; Verdoliva, Luisa; Lyu, Siwei; Nguyen, Huy H.; Yamagishi, Junichi; Echizen, Isao; Rot, Peter; Grm, Klemen; Štruc, Vitomir; Dantcheva, Antitza; Akhtar, Zahid; Romero-Tapiador, Sergio; Fierrez, Julian; Morales, Aythami; Ortega-Garcia, Javier; Kindt, Els; Jasserand, Catherine; Kalvet, Tarmo; Tiits, Marek Handbook of digital face manipulation and detection : from deepfakes to morphing attacks 2022 / p. 463-482 : ill https://doi.org/10.1007/978-3-030-87664-7_21

Gamification model for developing e-learning in Libyan higher education

Al Ghawail, Entisar Alhadi; Ben Yahia, Sadok; Alrzini, Joma Rajab Smart education and e-learning 2021 2022 / p. 97-110 : ill https://doi.org/10.1007/978-981-16-2834-4_9 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Gate-level graph representation learning : a step towards the improved stuck-at faults analysis

Balakrishnan, Aneesh; Alexandrescu, Dan; Jenihhin, Maksim; Lange, Thomas; Glorieux, Maximilien Proceedings of the Twenty Second International Symposium on Quality Electronic Design (ISQED) : Santa Clara, USA, 7-9 April 2021 2021 / p. 24-30 <https://doi.org/10.1109/ISQED51717.2021.9424256>

GC and other methods for full and partial context coverage

Raun, Kristo; Torim, Ants; Ben Yahia, Sadok Procedia computer science 2021 / p. 746–755 <https://doi.org/10.1016/j.procs.2021.08.077> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gen Z oriented engineering education in the “Industry 4.0” age

Raud, Zoja; Vodovozov, Valery; 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 <https://doi.org/10.1109/RTUCon60080.2023.10413087>

Generative adversarial network and CNN-LSTM based short-term power load forecasting

Liu, Y.; Liang, Z.; Li, X.; Bakeer, Abualkasim Ahmed Ali 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227473>

Generative adversarial networks as a data augmentation tool for CNN-based Parkinson's disease diagnostics

Dzotsenidze, Erik; Valla, Elli; Nömm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-Papers OnLine 2022 / p. 108-113 : ill <https://doi.org/10.1016/j.ifacol.2022.10.240> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Generative design in weight optimization of reconfigurable continuous track robot

Valme, Daniil; Kudelina, Karolina; Belolipetskaja, Diana; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 6 p <https://doi.org/10.1109/IWED52055.2021.9376329>

Genetic algorithm vs finite differences in an optimization procedure including FEM with fixed mesh

Auriemma, Fabio International Conference on Numerical Analysis and Applied Mathematics (ICNAAM 2018) : Rhodes, Greece, 13–18 September 2018 2019 / art. 2116, 330006, 4 p <https://doi.org/10.1063/1.5114344> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

George of Poděbrady: the role of external stimulus to the European integration

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 5-16

https://doi.org/10.1007/978-3-030-96662-1_2

G-GPU : a fully-automated generator of GPU-like ASIC accelerators

Perez, Tiago Diadami; Gonçalves, Marcio M.; Gobatto, Leonardo; Brandalero, Marcelo; Azambuja, Jose Rodrigo; **Pagliarini, Samuel Nascimento** 2022 Design, Automation & Test in Europe Conference & Exhibition (DATE) : 14-23 March 2022 : Antwerp, Belgium 2022 / p. 544 - 547 <https://doi.org/10.23919/DATE54114.2022.9774758>

Ghost injection attack on automatic dependent surveillance–broadcast equipped drones impact on human behaviour

Haddad, Yazeed; Orye, Erwin; **Maennel, Olaf Manuel** 2021 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) : Virtual Conference, 14-22 May 2021 : proceedings 2021 / p. 161-166 <https://doi.org/10.1109/CogSIMA51574.2021.9475928>

GIS-based optimisation for district heating network planning

Tšitšerin, Stanislav; **Volkova, Anna**; **Latšov, Eduard** Energy procedia 2018 / p. 635-641 : ill <https://doi.org/10.1016/j.egypro.2018.08.228> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

GIS-integrated pluvial flood risk assessment methodology for urban areas

Truu, Murel; **Annus, Ivar**; **Kändler, Nils** WDSA CCWI : proceedings book 2022 / 14 p. : ill https://drive.google.com/file/d/19mrdk9_LLOy5mfYDT9IGgmlsW5FFwj4f/view

GK : Implementing full first order default logic for commonsense reasoning (system description)

Tammet, Tanel; **Draheim, Dirk**; **Järv, Priit** Automated Reasoning : 11th International Joint Conference, IJCAR 2022, Haifa, Israel, August 8–10, 2022 : proceedings 2022 / p. 300-309 https://doi.org/10.1007/978-3-031-10769-6_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

GKC: A reasoning system for large knowledge bases

Tammet, Tanel Automated Deduction – CADE 27 : 27th International Conference on Automated Deduction, Natal, Brazil, August 27–30, 2019 : proceedings 2019 / p. 538-549 https://doi.org/10.1007/978-3-030-29436-6_32 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Global intelligent governance a collaborative platform

Ganapati, Sukumar; **Ahn, Michael**; **Chen, Yu-Che**; **Krimmer, Robert Johannes**; **Viale Pereira, Gabriela**; **Pliscoff, Cristian**; **Tseng, Hsien-Lee**; **Wu, Jiannan** DG.O'21: DG.O2021: The 22nd Annual International Conference on Digital Government Research 2021 / p. 593 - 595 <https://doi.org/10.1145/3463677.3463728> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Going digital, staying secure : cyber ERM activities in a post-pandemic setup

Carlo, Antonio; **Casamassima, Francesca** IAC 2022 congress proceedings 2022 / art. 70417 <https://iafastro.directory/iac/paper/id/70417/summary/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The governance of safety and security risks in connected healthcare

Skierka-Canton, Isabel Living in the Internet of Things : Cybersecurity of the IoT - 2018, London 2018 / 12 p <https://doi.org/10.1049/cp.2018.0002>

Governing through Guthi : towards a neo-traditional model for governing urban public spaces in the Kathmandu Valley

Shakya, Shobhit Revisiting Kathmandu Valley's public realm: some insights into understanding and managing its public spaces 2020 / p. 229-264 ["Governing through Guthi"](#)

Grand challenges, industrial policy, and public value

Mazzucato, Mariana; **Kattel, Rainer** The Oxford handbook of industrial policy 2020 / p. 311-336 <https://doi.org/10.1093/oxfordhb/9780198862420.013.12>

Grand reports : a tool for generalizing association rule mining to numeric target values

Arakkal Peious, Sijo; **Sharma, Rahul**; **Kaushik, Minakshi**; **Shah, Syed Attique**; **Ben Yahia, Sadok** Big Data Analytics and Knowledge Discovery : 22nd International Conference, DaWaK 2020, Bratislava, Slovakia, September 14-17, 2020 : Proceedings 2020 / p. 28-37 https://doi.org/10.1007/978-3-030-59065-9_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Gray box time variant clogging behaviour and pressure drop prediction of the air filter in the HVAC system

Alimohammadi, Hossein; **Vassiljeva, Kristina**; **Petlenkov, Eduard**; **Thalfeldt, Martin**; **Mikola, Alo**; **Kull, Tuule Mall**; **Köse, Ahmet** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 10002 <https://doi.org/10.1051/e3sconf/202124610002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Grey wolf optimizer-based task scheduling for IoT-based applications in the edge computing

Satouf, Aram; **Hamidoglu, Ali**; **Gul, Omer Melih**; **Kuusik, Alar** 2023 Eighth International Conference on Fog and Mobile Edge Computing (FMEC) 2023 / p. 53-57 <https://doi.org/10.1109/FMEC59375.2023.10306148>

Grid-connected single-phase 3L-T-type qZS inverter for renewable energy

Roncero-Clemente, Carlos; **Husev, Oleksandr**; Ruiz-Cortes, Mercedes; Romero-Cadaval, Enrique; Barrero-Gonzalez, Fermin; Gonzalez-Romera, Eva IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 5003-5007 : ill <https://doi.org/10.1109/IECON.2019.8926888> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Ground Station as a Service : a space cybersecurity analysis

Meyrick, Evan; Pickard, Aaron; Rahloff, Tobias; Bonnard, Sebastien; **Carlo, Antonio**; Thangavel, Kathiravan IAC 2021 congress proceedings 2021 / art. 66555 <https://dl.iafastro.directory/event/IAC-2021/paper/66555/>

Guideliner : a tool to improve Web UI development for better usability

Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto WIMS 2018 : 8th International Conference on Web Intelligence, Mining and Semantics, June 25–27 2018, Novi Sad, Serbia : proceedings 2018 / art. 17, 9 p. : ill <https://doi.org/10.1145/3227609.3227667> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Half-bridge trans-Z-source inverter with high boost factor

Mashinchi Maheri, Hamed; Shokati Asl, Elias; Babaei, Ebrahim; Sabahi, Mehran; Vinnikov, Dmitri IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / p. 1-6 : ill <https://doi.org/10.1109/IECON48115.2021.9589525> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Halogen-Bonding Organocatalysis - New Opportunities for Asymmetric Synthesis

Kaasik, Mikk; Kanger, Tõnis Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224 <https://doi.org/10.1002/9783527832217.ch6>

Handling software icebergs

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka SQAMIA 2022 : Proceedings of the 9th Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications 2022 / 9 p. : ill <https://urn.fi/URN:NBN:fi:tuni-202212299811> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Hankel matrix based algorithm for cardiac pulse wave base and peak lines Correction

Krivošei, Andrei; Min, Mart; Annus, Paul; Märten, Olev; Metshein, Margus; Lotamöis, Kristina; Rist, Marek IEEE International Workshop on Medical Measurement and Applications (MEMEA) 2022 / 6 p <https://doi.org/10.1109/MeMeA54994.2022.9856564>

Hardware obfuscation of digital FIR filters

Aksoy, Levent; Hepp, Alexander; Baehr, Johanna; **Pagliarini, Samuel Nascimento** 2022 25th International Symposium on Design and Diagnostics of Electronic Circuits and Systems (DDECS) : Prague, Czech Republic : April 6-8, 2022 : proceedings 2022 / p. 68-73 <https://doi.org/10.48550/arXiv.2202.10022> <https://doi.org/10.1109/DDECS54261.2022.9770141>

Hardware Trojans for confidence reduction and misclassifications on neural networks

Grailoo, Mahdiah; **Leier, Mairo; Pagliarini, Samuel Nascimento** Proceedings Of The Twenty Third International Symposium On Quality Electronic Design (ISQED 2022) 2022 / art. 180541, p. 230-235 <https://doi.org/10.1109/ISQED54688.2022.9806246>

Harnessing cloud scalability to hadoop clusters

Koschel, Arne; Heine, Felix; **Astrova, Irina** Information Systems 15th European, Mediterranean, and Middle Eastern Conference, EMCIS 2018 : Limassol, Cyprus, October 4–5, 2018 : proceedings 2019 / p. 59-71 https://doi.org/10.1007/978-3-030-11395-7_6 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Health and charge indicators for battery energy storage systems in electric vehicles applications

Gilbert Zequera, Rolando Antonio; Rassölkin, Anton; Vaimann, Toomas; Kallaste, Ants 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings 2022 / p. 427-432 <https://doi.org/10.1109/PEMC51159.2022.9962858>

Health and safety management at workplaces through interactive tools

Kontus, Sigrid; Reinhold, Karin Human Interaction, Emerging Technologies and Future Applications IV :Proceedings of the 4th International Conference on Human Interaction and Emerging Technologies: Future Applications (IHET – AI 2021), April 28-30, 2021, Strasbourg, France 2021 / p. 686–693 https://doi.org/10.1007/978-3-030-74009-2_87 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A health-energy nexus perspective for virtual power plants : power systems resiliency and pandemic uncertainty challenges

Mishra, Sambeet; Bordin, Chiara Smart and Sustainable Technology for Resilient Cities and Communities 2022 / p. 267–284 https://doi.org/10.1007/978-981-16-9101-0_19

A healthtech startup internationalization dilemma : challenges expanding into the established U.S. market

Hammoda, Basel Osama Sayed Ahmed; Pereira Balestra, Pablo Contemporary entrepreneurship : global perspectives and cases 2024 / p. 101-109 <https://doi.org/10.4324/9781003371403-14> https://www.esther.ee/record=b5670538*est

Heat conductive plates from recycled niobium slag

Kulu, Priit; Goljandin, Dmitri; Viljus, Mart; Traksmaa, Rainer; Gregor, Andre Solid State Phenomena ; 320 2021 / p. 169-175
<https://doi.org/10.4028/www.scientific.net/SSP.320.169> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Heat loss characteristics of typology-based apartment building external walls for a digital twin-based renovation strategy tool

Ilste, Elisa; Lomp, Siim; Pikas, Ergo; Arumägi, Endrik; Hallik, Jaanus; Öiger, Karl; Kisel, Einari; Liiv, Innar; Kalamees, Targo Journal of Physics: Conference Series 2023 / 8 p <https://doi.org/10.1088/1742-6596/2654/1/012125>

Heat recovery ventilation solutions for school building renovation

Kuivjõgi, Helena; Sarevet, Henri; 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.2022.208>

Heat recovery ventilation system heating energy weather normalization – calculation method and case study

Kuivjõgi, Helena; Laaneste, Janar; Thalfeldt, Martin; Kurnitski, Jarek E3S Web Conference: BuildSim Nordic 2022 2022 / art. 09003 <https://doi.org/10.1051/e3sconf/202236209003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Helmut Kohl: the German reunification and the genesis of the European Union

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 219-231
https://doi.org/10.1007/978-3-030-96662-1_19

High energy milling of WC-FeCr cemented carbide

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Kolnes, Märt; Viljus, Mart 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. 136-141 : ill <https://www.scientific.net/KEM.799.136> https://www.ester.ee/record=b5235278*est
<https://doi.org/10.4028/www.scientific.net/KEM.799.136> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Higher education teachers' perceptions about teaching and learning related qualities of telepresence robots

Leoste, Janika; Virkus, Sirje; Talisainen, Aleksei ROBOT2022 : Fifth Iberian Robotics Conference : Advances in Robotics. Vol. 1 2022 / p. 526-537 https://doi.org/10.1007/978-3-031-21065-5_43

Higher order Haar wavelet method for vibration analysis of functionally graded beam

Mikola, Madis; Majak, Jüri; Pohlak, Meelis; Shvartsman, Boris AIP Conference Proceedings 2022 / art. 380003
<https://doi.org/10.1063/5.0081476> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

High-level fault diagnosis in RISC processors with Implementation-Independent Functional Test

Oyeniran, Adeboye Stephen; Jenihhin, Maksim; Raik, Jaan; Ubar, Raimund-Johannes 2022 IEEE Computer Society Annual Symposium on VLSI (ISVLSI) : Nicosia, Cyprus : 04-06 July 2022 2022 / p. 32-37 <https://doi.org/10.1109/ISVLSI54635.2022.00019>

High-level intellectual property obfuscation via decoy constants

Aksoy, Levent; Nguyen, Quang-Linh; Almeida, Felipe; Raik, Jaan; Flottes, Marie-Lise; Dupuis, Sophie; Pagliarini, Samuel Nascimento 2021 IEEE 27th International Symposium on On-Line Testing and Robust System Design (IOLTS) : Torino, Italy, 28-30 June 2021 2021 / p. 1-7 <https://doi.org/10.1109/IOLTS52814.2021.9486714>

Highly active Fe-N/C oxygen electrocatalysts based on silicon carbide derived carbon

Teppor, Patrick; Jäger, Rutha; Hints, J.; Volobujeva, Olga; Valk, Peeter; Koppel, Miriam; Lust, Enn Polymer Electrolyte Fuel Cells & Electrolyzers 20 (PEFC & E 20) 2020 / p. 607 - 615 <https://doi.org/10.1149/09809.0607ecst> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Highly insulated crawl spaces with controlled minimal ventilation – proof of concept by field measurements

Airaksinen, Miimu; Olsson, Lars; Kurnitski, Jarek; Hvidberg, Staffan E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 07004, 5 p. : ill <https://doi.org/10.1051/e3sconf/202017207004>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

High-strength aluminum alloy of ultrafine grained by consolidation-ECAP

Pramono, Agus; Kollo, Lauri; Kommel, Lembit; Veinthal, Renno IOP conference series : materials science and engineering 2019 / art. 012035, 7 p. : ill <https://doi.org/10.1088/1757-899X/478/1/012035> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A historical analysis on interoperability in Estonian data exchange architecture : perspectives from the past and for the future

Jackson, Eric Blake; Dreyling, Richard; Pappel, Ingrid ICEGOV '21: Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance 2021 / p. 111 - 116 <https://doi.org/10.1145/3494193.3494209> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Historio-Graphy

Moktefi, Amirouche Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 511-514 https://doi.org/10.1007/978-3-030-54249-8_46 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

HLS-based optimization of tau triggering algorithm for LHC: a case study

Cherezova, Natalia; Mihhailov, Dmitri; Devadze, Sergei; Jutman, Artur 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. : ill <https://doi.org/10.1109/BEC56180.2022.9935599>

A holistic D-PMU optimal placement framework considering pragmatic constraints in smart grids

Farhizadan, Mohammadreza; Karrari, Mehdi; Gharehpetian, Gevork B.; Ahmadihangar, Roya; Kilter, Jako; Rosin, Argo IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 7 p. <https://doi.org/10.1109/CPE-POWERENG54966.2022.9880881>

Holistic IJTAG-based external and internal fault monitoring in UAVs

Ahmed, Foisal; Jenihhin, Maksim arXiv.org 2023 / 6 p. : ill <https://doi.org/10.48550/arXiv.2303.01816>

How many frequencies to use in electrical bioimpedance measurements

Ojarand, Jaan; Land, Raul; Min, Mart; Rist, Marek Impedance spectroscopy : advanced applications : battery research, bioimpedance, system design 2018 / p. 161–168 : ill <http://doi.org/10.1515/9783110558920-016>

How much does an e-Vote cost? Cost comparison per vote in multichannel elections in Estonia

Krimmer, Robert Johannes; Duenas Cid, David; Krivososova, Iuliia; Vinkel, Priit; Koitmäe, Arne Electronic Voting : Third International Joint Conference, E-Vote-ID 2018, Bregenz, Austria, October 2–5, 2018 : proceedings 2018 / p. 117-131 https://doi.org/10.1007/978-3-030-00419-4_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

How the Anti-TrustRank algorithm can help to protect the reputation of financial institutions

Astrova, Irina Research Challenges in Information Science : 14th International Conference, RCIS 2020, Limassol, Cyprus, September 23-25, 2020 : Proceedings 2020 / p. 503-508 https://doi.org/10.1007/978-3-030-50316-1_30 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

How to build a SOC on a budget

Vaarandi, Risto; Mäses, Sten 2022 IEEE International Conference on Cyber Security and Resilience (CSR) 2022 / p. 171-177 : ill <https://doi.org/10.1109/CSR54599.2022.9850281>

How to compare energy performance requirements of Japanese and European office buildings

Ahmed, Kaiser; Yoon, Gyuyoung; Ukai, Makiko; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 03038, 8 p <https://doi.org/10.1051/e3sconf/201911103038> [Conference proceedings at Scopus](#) [Article at Scopus](#)

How to improve full-scale self-propulsion simulations? A case study on a semi-displacement hull

Niazmand Bilandi, Rasul; Mancini, Simone; Dashtimanesh, Abbas; Lakatoš, Mikloš HSMV 2023 : Proceedings of the 13th Symposium on High Speed Marine Vehicles 2023 / p. 265-274 <https://doi.org/10.3233/PMST230034>

Human-human communication in cyber threat situations: a systematic review

Ask, Torvald F.; Lugo, Ricardo G.; Knox, Benjamin J.; Sütterlin, Stefan HCI International 2021 - late breaking papers : cognition, inclusion, learning, and culture : 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021 : proceedings 2021 / p. 21-43 : ill https://doi.org/10.1007/978-3-030-90328-2_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Hunting tourism ethics

Ojasoo, Merle; Roosipõld, Anne Encyclopedia of tourism management and marketing 2022 / p. 631-633 <https://doi.org/10.4337/9781800377486.hunting.tourism.ethics>

Hybrid DC–DC converters with topology morphing control and post-fault operation capability

Vinnikov, Dmitri; Chub, Andrii; Korkh, Oleksandr; Blinov, Andrei; Liivik, Elizaveta Electrimacs 2019 : Selected Papers, Vol. 1 2020 / p. 433-445 https://doi.org/10.1007/978-3-030-37161-6_33 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Hybrid energy storage lifetime-oriented control strategy in islanded microgrids : a real time simulation case study

Häring, Tobias; Link, Luca; Rosin, Argo; Biechl, Helmuth 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 <https://doi.org/10.1109/ENERGYCON53164.2022.9830437>

Hybrid feature selection models for machine learning based botnet detection in IoT networks

Guerra Manzanares, Alejandro; Bahsi, Hayretin; Nömm, Sven 2019 International Conference on Cyberworlds : CW 2019 : 2-4 October 2019, Kyoto, Japan : proceedings 2019 / p. 324-327 : ill <https://doi.org/10.1109/CW.2019.00059>

Hydroxyapatite-based catalysts in organic synthesis

Gruselle, Michel; **Tõnsuaadu, Kaia**; Gredin, Patrick; Len, Christophe Design and applications of hydroxyapatite-based catalysts 2022 / chapter 10 <https://doi.org/10.1002/9783527830190.ch10>

Hygrothermal criteria for design of cross-laminated timber external walls

Kukk, Villu; Kers, Jaan; Kalamees, Targo; Wang, Lin; Ge, Hua Proceedings of the 5th international conference on building energy and environment 2023 / p. 811-815 https://doi.org/10.1007/978-981-19-9822-5_87

Hygrothermal performance of a massive natural stone masonry wall insulated from the internal side with hemp concrete – field measurements in cold climate

Pau, Markus; **Kalamees, Targo; Kallavus, Urve** Journal of physics : conference series 2021 / art. 012068, 9 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012068> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Hygrothermal performance of AAC exterior wall after additional insulation with prefabricated elements in Estonia

Pihelo, Peep; Kalamees, Targo 5th Central European Symposium On Building Physics (CESBP) 2023 / p. 020049-1-020049-8 <https://doi.org/10.1063/5.0170884>

Hygrothermal performance of lime-based thermal insulation mortars: water absorption, hygroscopic sorption, and water vapour permeability

Ruus, Aime; Kaeramaa, Ave-Ly; Kirtsi, Karin; Mihkelsoo, Madis; **Kiviste, Mihkel; Raamets, Jane** Journal of Physics: Conference Series 2023 / 8 p. : ill <https://doi.org/10.1088/1742-6596/2654/1/012083>

Hygrothermal performance of paper plaster: influence of different types of paper and production methods on moisture buffering

Soolepp, Mihkel; Ruus, Aime; Nutt, Nele; Raamets, Jane; Kubjas, Ardo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 14010, 6 p <https://doi.org/10.1051/e3sconf/202017214010> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Hygrothermal performance of prefabricated insulation elements for serial renovation of apartment buildings in a moderately continental German climate

Pihelo, Peep; Kalamees, Targo Journal of Physics: Conference Series 2023 / art. 012001 <https://doi.org/10.1088/1742-6596/2654/1/012001>

Hyperspectral image band selection using pooling

Liyanage, Dhanushka Chamara; Hudjakov, Robert; Tamre, Mart 15th International Conference Mechatronic Systems and Materials : MSM'2020 : The book of selected, peer reviewed papers presented at the 15th International Conference Mechatronic Systems and Materials MSM'2020, July 1-3, 2020, Bialystok, Poland 2020 <https://doi.org/10.1109/MSM49833.2020.9201714>

Hyperspectral imaging for vehicle traction effort prediction: ISEAUTO case study

Valme, Daniil; Rassõlkin, Anton; Liyanage, Dhanushka Chamara 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 5 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227463>

Hyperspectral imaging methods improve RGB image semantic segmentation of unstructured terrains

Liyanage, Dhanushka Chamara; Hudjakov, Robert; Tamre, Mart 15th International Conference Mechatronic Systems and Materials : MSM'2020 : The book of selected, peer reviewed papers presented at the 15th International Conference Mechatronic Systems and Materials MSM'2020, July 1-3, 2020, Bialystok, Poland 2020 / 5 p. ill <https://doi.org/10.1109/MSM49833.2020.9201738>

Hyperspectral/multispectral imaging methods for quality control

Liyanage, Dhanushka Chamara; Tamre, Mart; Hudjakov, Robert Handbook of research on new investigations in artificial life, AI, and machine learning 2022 / p. 438-461 <https://doi.org/10.4018/978-1-7998-8686-0.ch017>

Ice-induced loads on offshore wind turbines in the Baltic Sea

Tabri, Kristjan; Tõns, Tõnis; Suominen, Mikko; **Kõrgesaar, Mihkel** Proceedings of the ASME 2022 41st International Conference on Ocean, Offshore and Arctic Engineering. Volume 6: Polar and Arctic Sciences and Technology 2022 / art. OMAE2022-79035, V006T07A022; 9 pages <https://doi.org/10.1115/OMAE2022-79035>

Identification and improvement of critical joints in CLT construction without weather protection

Kalbe, Kristo; Kukk, Villu; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 10002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017210002> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Identification of seismic signals at the output of large ring laser gyroscope

Tari, J.B.; Eno, N.A Earth Observing Systems XXIII, 21-23 August 2018, San Diego, California, United States 2018 / art. 107641M, 11 p. : ill <https://doi.org/10.1117/12.2320614> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Identifying design principles for proactive services through systematically understanding the reactivity-proactivity spectrum

Erlenheim, Regina; Draheim, Dirk; Taveter, Kuldar Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 452–458
<https://doi.org/10.1145/3428502.3428572> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Identifying factors that influence the transition towards a smarter sustainable city : preliminary findings of the case study of Porto Alegre, Brazil

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/paper28.pdf> [Conference Proceeding at Scopus](#) [Article at Scopus](#)

IEEE European Test Symposium (ETS)

Eggersgluss, Stephan; Hamdioui, Said; Jutman, Artur; Michael, Maria K.; Raik, Jaan 2019 IEEE International Test Conference (ITC) 2019 / 4 p <https://doi.org/10.1109/ITC44170.2019.9000148> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Image encryption using fractional singular chaotic systems : an extended Kalman filtering approach

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard 2022 International Conference on Electrical, Computer and Energy Technologies (ICECET) 2022 / 6 p. : ill <https://doi.org/10.1109/ICECET55527.2022.9873484>

Image-Based pavement type classification with convolutional neural networks

Riid, Andri; Manna, Davide Liberato; Astapov, Sergei INES 2020 : IEEE 24th International Conference on Intelligent Engineering Systems, July 8-10, 2020, Reykjavik, Iceland : proceedings 2020 / p. 55-60 : ill <https://doi.org/10.1109/INES49302.2020.9147199>

Imagine a round square

Moktefi, Amirouche; Družinina, Jelena Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 539-543 https://doi.org/10.1007/978-3-030-54249-8_52 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Immanuel Kant: the idea of progress and European integration

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 29-38
https://doi.org/10.1007/978-3-030-96662-1_4

IMMizer : an innovative cost-effective method for minimizing assertion sets

Heidari Iman, Mohammad Reza; Raik, Jaan; Jervan, Gert; Ghasempouri, Tara Proceedings - 2022 25th Euromicro Conference on Digital System Design, DSD 2022 2022 / p. 671 - 678 <https://doi.org/10.1109/DSD57027.2022.00095> [Article at Scopus](#) [Article at WOS](#)

The impact of a transdisciplinary STEAM teacher training course on the integration of robotics in early childhood education

Rossi, Matti; Saimon, Musa; Leoste, Janika; Fenyvesi, Kristof; Lavicza, Zsolt 15th International Conference on Robotics in Education (RiE 2024) 2024

Impact of bearing faults on vibration level of BLDC motor

Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society, 2021 2021 / p. 1-6 : ill <https://doi.org/10.1109/IECON48115.2021.9589268> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact of CFO on low latency-enabled UAV using "Better than Nyquist" pulse shaping in GFDM

Sharma, Navuday; Kumar, Atul; Magarini, Maurizio; Bregni, Stefano 2019 IEEE 89th Vehicular Technology Conference (VTCSpring), Kuala Lumpur, Malaysia, 28 April–1 May 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/VTCSpring.2019.8746309> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The impact of control environments on global parameters of electrical machines in case of broken rotor bars

Kudelina, Karolina; Raja, Hadi Ashraf; Autso, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants Diagnostika '22 : 2022 International Conference on Diagnostics in Electrical Engineering : Conference proceedings 2022 / 4 p.
<https://doi.org/10.1109/Diagnostika55131.2022.9905149>

Impact of COVID-19 pandemic on energy demand in Estonia

Belikov, Juri; Kalda, Jaan IEEE Power & Energy Society General Meeting (PESGM) 2022 / 5 l.
<https://doi.org/10.1109/PESGM48719.2022.9916825>

Impact of distributed generation on estimation of exponential load models

Leinakse, Madis; Tani, Pärtel; Kilter, Jako 2019 IEEE Power & Energy Society General Meeting (PESGM) 2019 / 5 p. : ill
<https://doi.org/10.1109/PESGM40551.2019.8974014>

Impact of flow-driven debris on coastal structure during tsunami Bore

Harish, S.; Sriram, V.; Sundar, V.; Sannasiraj, S.A.; **Didenkulova, Irina** Proceedings of the Fourth International Conference in Ocean Engineering (ICOE2018), vol. 2 2019 / p. 315-326 https://doi.org/10.1007/978-981-13-3134-3_24 [Conference proceedings metrics at Scopus](#) [Article at Scopus](#)

The impact of infiltration on heating systems dimensioning in Estonian climate

Simson, Raimo; Rebane, Taaniel; Kiil, Martin; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017205004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact of internal heat gain profiles on the design cooling capacity of landscaped offices

Seyed Salehi, Seyed Shahabaldin; Ferrantelli, Andrea; Aljas, Hans Kristjan; Kurnitski, Jarek; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 07003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124607003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact of load matching algorithms on the battery capacity with different household occupancies

Häring, Tobias; Ahmadiyahangar, Roya; Rosin, Argo; Biechl, Helmuth IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society : proceedings 2019 / p. 2541-2547 <https://doi.org/10.1109/IECON.2019.8927495> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The impact of load on global parameters of electrical machines in case of healthy and broken rotor bars

Kudelina, Karolina; Raja, Hadi Ashraf; Autsou, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Shabbir, Noman 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935614>

Impact of office tenants' electricity use on the cost-optimal solutions in a cold climate

Kuivjõgi, Helena; Laas, Liina; Ferrantelli, Andrea; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Impact of RAN slice bandwidth subpartitioning on slice performance

Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab 2022 International Wireless Communications and Mobile Computing (IWCMC) 2022 / p. 419-424 <https://doi.org/10.1109/IWCMC55113.2022.9825262>

Impact of the COVID-19 pandemic on the energy use and performance in commercial buildings

Belikov, Juri; Köse, Ahmet; Petlenkov, Eduard; Tepļakov, Aleksei; Loo, Lauri 2022 45th International Conference on Telecommunications and Signal Processing, TSP 2022 2022 / p. 187-191 <https://doi.org/10.1109/TSP55681.2022.9851384>

The impact of the single digital gateway regulation from the citizens' perspective

Bhattarai, Rakshya; Pappel, Ingrid; Vainsalu, Heiko; Ben Yahia, Sadok; Draheim, Dirk Procedia Computer Science 2019 / p. 159 - 167 <https://doi.org/10.1016/j.procs.2019.12.168> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Impact-driven discretization of numerical factors : case of two- and three-partitioning

Kaushik, Minakshi; Sharma, Rahul; Arakkal Peious, Sijo; Draheim, Dirk Big Data Analytics. BDA 2021 : 9th International Conference, BDA 2021, Virtual Event, December 15-18, 2021 : proceedings 2021 / p. 244-260 https://doi.org/10.1007/978-3-030-93620-4_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Impacts and risks of hydropower

Treeck, Ruben van; Geist, Juergen; Pander, Joachim; **Tuhtan, Jeffrey Andrew**; Wolter, Christian Novel Developments for Sustainable Hydropower 2022 / p. 41-60 https://doi.org/10.1007/978-3-030-99138-8_4

Impedance cardiography signal processing with Savitzky-Golay and frequency sampling kernels

Märtens, Olev; Metshein, Margus; Tamberg, Gert; Abdullayev, Anar 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935597>

Impedance network-based diode-clamped multilevel inverter voltage balancing with cascaded voltage multiplier

Ebrahimi, Ali; Babaei, Ebrahim; Mousavi, S. M. J.; Mashinchi Maheri, Hamed; **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 / 6 p <https://doi.org/10.1109/RTUCON60080.2023.10413166>

Impedance-source DC solid-state circuit breakers : an overview

Rahimpour, Saeed; Husev, Oleksandr; Vinnikov, Dmitri 2022 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM) 2022 / p. 186-191 <https://doi.org/10.1109/SPEEDAM53979.2022.9842138>

Impedance-source networks : features, benefits and challenges for industrial application : keynote address

Husev, Oleksandr 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1 <https://doi.org/10.1109/IWED54598.2022.9722589>

Implementation and analysis of rolling bearing faults caused by shaft currents

Kudelina, Karolina; Autou, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2022 <https://doi.org/10.1109/IWED54598.2022.9722596>

Implementation of burst control based on sigma-delta modulation in low-cost microcontroller

Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri IEEE Workshop on Computers in Power Electronics 2022 / 6 I <https://doi.org/10.1109/COMPEL53829.2022.9830023>

Implementation of e-birth registration systems : potential and challenges the case study of Iran

Shahin, Mahtab; Eskandri, Fatemeh; Ahmed, Rozha Kamal; Draheim, Dirk ICT systems and sustainability : proceedings of ICT4SD 2021, Volume 1 2022 / p. 861-872 : ill https://doi.org/10.1007/978-981-16-5987-4_85 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Implementation of electronic records management systems : potential and challenges a case study of the Water and Power Development Authority (WAPDA) in Pakistan

Butt, Sidra Azmat; Pappel, Ingrid; Oolu, Karin ICT Analysis and Applications : 23-24 July 2020, Panaji, Goa, India : proceedings of ICT4SD 2020. Vol. 2 2021 / p. 629-639 https://doi.org/10.1007/978-981-15-8354-4_63 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Implementation of information security in the EU information systems : an Estonian case study

Järvsoo, Maris; Norta, Alexander; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk Challenges and Opportunities in the Digital Era : 17th IFIP WG 6.11 Conference on e-Business, e-Services, and e-Society : I3E 2018, Kuwait City, Kuwait, October 30 - November 1, 2018 : proceedings 2018 / p. 150-163 https://doi.org/10.1007/978-3-030-02131-3_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Implementation-independent test generation for a large class of faults in RISC processor modules

Jenihhin, Maksim; Oyeniran, Adeboye Stephen; Raik, Jaan; Ubar, Raimund-Johannes 24th Euromicro Conference on Digital System Design (DSD) 2021 <https://doi.org/10.1109/DSD53832.2021.00090>

Improved modulation method for full-bridge AC-DC HF-link converter

Blinov, Andrei; Korkh, Oleksandr; Chub, Andrii; Vinnikov, Dmitri 2020 IEEE International Conference on Industrial Technology, Buenos Aires Institute of Technology (ITBA) Buenos Aires, Argentina, 26-28 February, 2020 : proceedings 2020 / p. 1173-1177 : ill <https://doi.org/10.1109/ICIT45562.2020.9067128> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Improvement of biomass production by Lactobacillus reuteri using double-carbon source cultivation strategy

Selvamani, Shanmugaparakasham; Malek, Roslinda Abd; Ramli, Solleh; Dailin, Daniel Joe; Gupta, Vijai Kumar; Sukmawati, Dalia; El-Adawi, Hala I.; Leng, Ong Mei; El Enshasy, Hesham Ali The 2nd Science and Mathematics International Conference (SMIC 2020) : Transforming Research and Education of Science and Mathematics in the Digital Age 2021 / art. 168153 <https://doi.org/10.1063/5.0041975> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Improving court efficiency through ICT integration : identifying essential areas of improvement

Ahmed, Rozha Kamal; Muhammed, Khder H.; Reitsakas, Aleksander; Pappel, Ingrid; Draheim, Dirk ICT Analysis and Applications : proceedings of ICT4SD 2019. Vol. 2 2020 / p. 449-461 : ill https://doi.org/10.1007/978-981-15-0630-7_44 [Article collection at Scopus](#) [Article at Scopus](#)

Improving healthcare processes with smart contracts

Kormiltsõn, Aleksandr; Udokwu, Chibuzor; Karu, Kalev; Thangalimodzi, Kondwani; Norta, Alexander Business Information Systems : 22nd International Conference, BIS 2019, Seville, Spain, June 26-28, 2019 : proceedings. Part I 2019 / p. 500-513 https://doi.org/10.1007/978-3-030-20485-3_39 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Improving language identification of accented speech

Kukk, Kunnar; Alumäe, Tanel Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH, 2022, 18 September-22 September 2022 / p. 1288-1292 : ill <https://doi.org/10.21437/Interspeech.2022-10455>

Improving learning efficiency and evaluation fairness for cyber security courses : a case study

Caliskan, Emin; Vaarandi, Risto; Lorenz, Birgy Intelligent Computing : Proceedings of the 2019 Computing Conference. Volume 2 2019 / p. 622-638 https://doi.org/10.1007/978-3-030-22868-2_45 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Improving the city's transport system sustainability by making an justified choice of the optimal infrastructure solution

Makarova, Irina; Mavrin, Vadim; Buyvol, Polina; Pashkevich, Anton; Mukhametdinov, Eduard 2020 21th International Carpathian Control Conference (ICCC) 2020 / 6 p <https://doi.org/10.1109/ICCC49264.2020.9257283>

Incorporating service type in aging failure model of high voltage circuit breaker

Asefi, Sajjad; Kilter, Jako; Landsberg, Mart 2023 27th International Conference Electronics : proceedings 2023 / 5 p <https://doi.org/10.1109/IEEECONF58372.2023.10177602>

In-depth feature selection and ranking for automated detection of mobile malware

Guerra Manzanares, Alejandro; Nömm, Sven; Bahsi, Hayrettdin Proceedings of the 5th International Conference on Information Systems Security and Privacy : ICSSP 2019 : February 23-25, 2019, Prague, Czech Republic. Vol. 1 2019 / p. 274-283 : ill <https://doi.org/10.5220/0007349602740283>

Indoor climate and energy performance in nearly zero energy day care centers and school buildings

Kaiser, Ahmed; **Kuusk, Kalle**; Heininen, Henrik; **Arumägi, Endrik**; **Kalamees, Targo**; Hasu, Tero; Lolli, Nicola; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02003 ; 9 p. : ill <https://doi.org/10.1051/e3sconf/201911102003> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Indoor temperature conditions and energy demand of a Finnish detached house in a changing climate

Farahani, Azin Velashjerdi; **Jokisalo, Juha**; Korhonen, Natalia; **Kosonen, Risto** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 15001, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124615001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Induction motor bearing currents - causes and damages

Kudelina, Karolina; **Vaimann, Toomas**; **Rassõlkin, Anton**; **Kallaste, Ants**; **Asad, Bilal**; **Demidova, Galina** 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 5 p <https://doi.org/10.1109/IWED52055.2021.9376354>

Inductive and coinductive predicate liftings for effectful programs

Veltri, Niccolò; **Voorneveld, Niels F.W.** Proceedings 37th Conference on Mathematical Foundations of Programming SemanticsHybrid: Salzburg, Austria and Online, 30th August - 2nd September, 2021 2021 / p. 260-277 <https://doi.org/10.4204/EPTCS.351.16> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Inductive bifilar coil based wireless charging system for autonomous electric boat

Pakhaliuk, Bohdan; **Husev, Oleksandr**; **Shevchenko, Viktor**; Kroics, Kaspars; Stepins, Deniss; Strzelecki, Ryszard IEEE 31st International Symposium on Industrial Electronics (ISIE) 2022 / p. 758-761 <https://doi.org/10.1109/ISIE51582.2022.9831731>

Industrial data analytics in manufacturing shop floor level

Moor, Madis; Pakkanen, Jarkko; **Raamets, Tõnis**; **Mahmood, Kashif**; **Riives, Jüri** AIP conference proceedings 2024 / art. 030006 <https://doi.org/10.1063/5.0189502>

Industrial robot training in the simulation using the machine learning agent

Nutonen, Karle; **Kuts, Vladimir**; **Otto, Tauno** Procedia computer science 2023 / p. 446-455 <https://doi.org/10.1016/j.procs.2022.12.240> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Inertial and positioning sensors fusion for indirect location tracking in warehouse inventory management

Fjodorov, Aleksei; Ulp, Sander; **Alam, Muhammad Mahtab**; **Kuusik, Alar** 2023 International Conference on Control, Automation and Diagnosis (ICCAD) 2023 / p. 1-7 <https://doi.org/10.1109/ICCAD57653.2023.10152404>

Infection risk-based ventilation effectiveness assessment in cruise ship common spaces using tracer gas measurements

Mikola, Alo; **Kiil, Martin**; **Võsa, Karl-Villem**; **Kurnitski, Jarek** E3S Web of Conferences : Roomvent Conference 2024 2024 / 5 p <https://invitepeople.com/public/events/fe41371a0b/pages/ed19d3ae89>

Influence of CLT wetting during the construction phase on the crack formation and air leakages in the CLT

Kalbe, Kristo; **Kukk, Villu**; **Kalamees, Targo** AIP conference proceedings 2023 / p. 020028-1-020028-8 <https://doi.org/10.1063/5.0171342>

The influence of high-energy ball milling and nanoadditives on the kinetics of heterogeneous reaction in Ni-Al system

Nazaretyan, Khachik; Kirakosyan, Hasmik; **Aydinyan, Sofiya**; Zakaryan, Marieta; Abovyan, L. S.; Kulak, M.; Khina, B. IOP conference series : materials science and engineering 2021 / art. 012052 <https://doi.org/10.1088/1757-899X/1140/1/012052>

Influence of mental stress on the arterial stiffness parameters detected from photoplethysmographic signal waveform

Pilt, Kristjan; **Karai, Deniss**; **Bachmann, Maie**; **Gavriljuk, Marietta**; **Allik, Ardo**; **Uudeberg, Tuuli** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 4 p <https://doi.org/10.1109/BEC56180.2022.9935609>

The influence of nuclear deterrence during the Cold War on the growth and decline of the peripheral town of Valga/Valka

Leetmaa, Kadri; **Tintera, Jiri**; Pae, Taavi; Hess, Daniel Baldwin Urban planning during socialism : views from the periphery 2024 / p. 119-133 : ill <https://doi.org/10.4324/9781003327592-10> https://www.ester.ee/record=b5643771*est

Influence of operation modes and fish behavior on fish passage through turbines

Stoltz, Ulli; Geiger, Franz; **Tuhtan, Jeffrey Andrew** IOP Conference Series: Earth and Environmental Science ; 774 2021 / art. 012125 <https://doi.org/10.1088/1755-1315/774/1/012125> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Influence of production on hemp concrete hygrothermal properties : sorption, water vapour permeability and water absorption

Ruus, Aime; Koosapoeg, Tarmo; Pau, Markus; Kalamees, Targo; Põldaru, Mattias Journal of Physics : Conference Series 2021 / art. 012004, 9 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012004> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Influence of temperature on the performance of Nafion coated RuO₂ based pH electrodes

Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof 2021 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Manchester, United Kingdom 2021 / 4 p
<https://doi.org/10.1109/FLEPS51544.2021.9469758>

Influence of the flow of self-compacting steel fiber reinforced concrete on the fiber orientations, a report on work in progress

Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres Short fibre reinforced cementitious composites and ceramics 2019 / p. 97-110 https://doi.org/10.1007/978-3-030-00868-0_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Info-gap-based optimization of microgrids integrated with power, cooling and hydrogen generation units

Mahmoudnezhad, Fayeze; Mirzaei, Mohammad Amin; Plaum, Freddy; Ahmadiyahangar, Roya; Kilter, Jako; Rosin, Argo 2022 IEEE 16th International Conference on Compatibility, Power Electronics, and Power Engineering (CPE-POWERENG) 2022 / 7 p
<https://doi.org/10.1109/CPE-POWERENG54966.2022.9880860>

Initial design estimation of synchronous machines

Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2022 <https://doi.org/10.1109/IWED54598.2022.9722585>

Innovation for circular economy : overview of Estonian enterprises' transition journey

Ahmadov, Tarlan Social and economic studies within the framework of emerging global developments volume 3 2023 / p. 103-116
<https://doi.org/10.3726/b20968>

Innovative common study block framework for joined collaborative curriculums development

Ševtšenko, Eduard; Nõuakas, Kati; Murumaa, Lea; Kallas, Oliver; Karaulova, Tatjana Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 30-41 https://doi.org/10.1007/978-3-030-68198-2_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Input source identification algorithm For isolated buck-boost DC-DC converter

Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri IEEE Workshop on Computers in Power Electronics 2022 / 6 p
<https://doi.org/10.1109/COMPEL53829.2022.9829973>

An insight into biological datamining based on rarity and correlation as constraints

Bouasker, Souad; **Ben Yahia, Sadok**; Diallo, Gayo SAC '19 : proceedings of the 34th ACM/SIGAPP Symposium on Applied Computing 2019 / p. 3-10 : ill <https://doi.org/10.1145/3297280.3297281> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Integrated architectural and environmental performance - driven form-finding. A teaching case study in Montreal

Szentesi-Nejur, Szende; **De Luca, Francesco**; Nejur, Andrei Proceedings of the 39th eCAADe Conference - Towards a new, configurable architecture : University of Novi Sad, Novi Sad, Serbia, 8-10 September 2021. Vol. 2 2021 / p. 105-114 : ill
<https://doi.org/10.52842/conf.ecaade.2021.2.105> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Integrated measures for managing permanent housing reconstruction

Bilau, Abdulquadri Ade; Witt, Emlyn David Qivitoq; Malalgoda, Chamindi; **Lill, Irene**; Amaratunga, Dilanthi Procedia engineering 2018 / p. 403-410 <https://doi.org/10.1016/j.proeng.2018.01.052> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Integration of blockchain technology into a land registration system for immutable traceability : a casestudy of Georgia

Lazuashvili, Nino; Norta, Alexander; Draheim, Dirk Business Process Management : Blockchain and Central and Eastern Europe Forum : BPM 2019 Blockchain and CEE Forum : Vienna, Austria, September 1-6, 2019 : proceedings 2019 / p. 219-233
https://doi.org/10.1007/978-3-030-30429-4_15 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Integration of Buzzi and Heidelberg cement plants into the first operating and planned CCUS Cluster Projects Worldwide, using CLEANER Project GIS Database

Šogenova, Alla; Šogenov, Kazbulat; Ivask, Jüri; Habicht, Glea; Gastaldi, Daniela; Pellegrino, Guido Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://ssrn.com/abstract=3813982>
<https://doi.org/10.2139/ssrn.3813982>

Integration of 'Central' and 'Peripheral' Nervous Systems in Scrub Nurse Robot and Comparison Between 'Voluntary' and 'Reflex' Movements

Miyawaki, Fujio; Suzuki, Miho; Anier, Aivo; **Vain, Jüri** IFAC-PapersOnLine 2019 / p. 229-234 : ill
<https://doi.org/10.1016/j.ifacol.2019.12.103> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Integration of iUML-B and UPPAAL timed automata for development of real-time systems with concurrent processes

Shokri-Manninen, Fatima; Tsiopoulos, Leonidas; **Vain, Jüri**; Walden, Marina Rigorous State-Based Methods 7th International

Conference, ABZ 2020, Ulm, Germany, May 27–29, 2020 : proceedings 2020 / p. 186-202 https://doi.org/10.1007/978-3-030-48077-6_13 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Intelligent contingency overload-avoiding control of BESS for renewable-rich local area

Gonzalez-Longatt, Francisco; Abdellah, Kouzou; **Astapov, Victor**; Olivo, Franklin; Rueda, Jose Luis; Palensky, Peter; Chamorro, Harold R. 19th International Multi-Conference on Systems, Signals & Devices (SSD) 2022 / p. 1638-1643 <https://doi.org/10.1109/SSD54932.2022.9955825>

Intelligent information technology for organizing swimming competitions

Hnatchuk, Yaroslav; Hnatchuk, Alina; Hlukhov, Ivan; Karatnyk, Ivan; **Boyarchuk, Artem** IntellITSIS 2022 : Proceedings of the 3rd International Workshop on Intelligent Information Technologies & Systems of Information Security : Khmelnytskyi, Ukraine, March 23-25, 2022 / p. 294-304 <https://ceur-ws.org/Vol-3156/paper22.pdf> <https://ceur-ws.org/Vol-3156/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Intelligent virtual environments with assessment of user experiences

Köse, Ahmet; **Tepljakov, Aleksei**; **Petlenkov, Eduard** Artificial Intelligence and Soft Computing : 20th International Conference, ICAISC 2021, Virtual Event, June 21–23, 2021 : proceedings, Part I 2021 / p. 463–474 : ill https://doi.org/10.1007/978-3-030-87986-0_41 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

The inter- and transdisciplinary process : a framework

Bina, Olivia; Fokdal, Josefine; Chiles, Prue; **Paadam, Katrin**; **Ojamäe, Liis** Enabling the city : Interdisciplinary and transdisciplinary encounters in research and practice 2021 / p. 17-33 : ill <https://doi.org/10.4324/9780429297649-3>

Inter O-DUs coordination for scheduling of massive users in O-RAN

Latif, Aamir; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** 2023 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit) 2023 / p. 6 <https://doi.org/10.1109/EuCNC/6GSummit58263.2023.10188234>

Interaction laws of monads and comonads

Katsumata, Shin-ya; Rivas, Exequiel; **Uustalu, Tarmo** Proceedings of the 35th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS 2020) : July 8-11, 2020 Saarbrücken, Germany 2020 / p. 604-618 <https://doi.org/10.1145/3373718.3394808> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Interactive teaching methods as human factors management tool in dangerous goods transport on roads

Janno, Jelizaveta; **Koppel, Ott** Teaching and Learning in a Digital World : proceedings of the 20th International Conference on Interactive Collaborative Learning. Volume 1 2018 / p. 619-628 https://link.springer.com/chapter/10.1007/978-3-319-73210-7_72 https://doi.org/10.1007/978-3-319-73210-7_72 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Interactive whiteboards in extended reality for advanced control system design

Tepljakov, Aleksei 44th International Conference on Telecommunications and Signal Processing (TSP) 2021 / p. 1-5 <https://doi.org/10.1109/TSP52935.2021.9522616>

Interfaces in project-based innovation governance : can hackathons hack into policy processes?

Vihma, Peeter Projectification of organizations, governance and societies 2023 / p. 147-165 https://doi.org/10.1007/978-3-031-30411-8_9

Internet of drones-enabled Smart Cities

Sharma, Navuday; Magarini, Maurizio; **Alam, Muhammad Mahtab** IoT Architectures, Models, and Platforms for Smart City Applications 2020 / p. 107-133 <https://doi.org/10.4018/978-1-7998-1253-1.ch006>

Internet of Things network infrastructure for the educational purpose

Tokarz, Krzysztof; Czekalski, Piotr; Drabik, Gabriel; Paduch, Jaroslaw; Distefano, Salvatore; Di Pietro, Riccardo; Merlino, Giovanni; Scaffidi, Carlo; **Sell, Raivo** 2020 IEEE Frontiers in Education Conference (FIE) 2020 <https://doi.org/10.1109/FIE44824.2020.9274040> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

INTERPOL

Tsybulenko, Evhen; Suarez, Sebastian International conflict and security law : a research handbook 2022 / p. 673-691 https://doi.org/10.1007/978-94-6265-515-7_32

Intrinsic conditions for extended observer forms for nonlinear systems

Simha, Ashutosh; Respondek, Witold; **Kaldmäe, Arvo**; **Kaparin, Vadim**; **Kotta, Ülle** 2018 IEEE Conference on Decision and Control (CDC), 17-19 Dec. 2018, 17-19 Dec. 2018 : proceedings 2018 / p. 1373-1378 <https://doi.org/10.1109/CDC.2018.8619122> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Introduction - capitalism, socialism and democracy at 75 : new interpretations and new dimensions

Burlamaqui, Leonardo; **Kattel, Rainer** Schumpeter's capitalism, socialism and democracy : a twenty-first century agenda 2019 / 18 p <https://doi.org/10.4324/9781315618043-1>

Introduction : Italy and Germany – Incompatible Varieties of Europe?

Piattoni, Simona; **Notermans, Antonius Johannes Hubertus** Italy and Germany, incompatible varieties of Europe? 2022
<https://doi.org/10.4324/9781003280613>

Introduction to the Chemical Oceanography of Frontal Zones

Belkin, Igor M.; Aliani, Stefano; Alkire, Matthew B.; Badewien, Thomas H.; Berta, Maristella; Durán Gómez, Gloria Silvana; Eliassen, Solva Karadottir; **Elken, Jüri**; Griffa, Annalisa; Suursaar, Ülo The Handbook of Environmental Chemistry 2022 / p. 1-23
https://doi.org/10.1007/978-2022_894 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Introductory chapter: Cultural change in political communities and twenty years of crisis in the twenty-first century

Mölder, Holger; Voinea, Camelia Florela; Sazonov, Vladimir; Foster, Noel Producing cultural change in political communities : The impact of populism and extremism on the international security environment 2023 / p. 1-13 https://doi.org/10.1007/978-3-031-43440-2_1

Inverters for power systems with renewable sources: basic topologies and purposes

Yamnenko, Iuliia; Tereshchenko, Tetiana; Fedin, Ihor; **Carvalho da Silva, Edivan Laercio**; Kozhushko, Yuliia; Bondarenko, Oleksandr 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227384>

Investigating different sources of flexibility in power system

Ahmadiyahangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin Demand-side flexibility in smart grid 2020 / p. 27-37
https://doi.org/10.1007/978-981-15-4627-3_3 [Journal metrics at Scopus](#) [Article at Scopus](#)

Investigation of cost-effective carbon nanofiber/carbon fiber and silicone polymer composite material for wearable bioimpedance device

Kõiv, Hip; Pesti, Ksenija; Min, Mart; Land, Raul 2019 IEEE Sensors Applications Symposium (SAS 2019), Sophia Antipolis, France, 11-13 March, 2019 : proceedings 2019 / 6 p <https://doi.org/10.1109/SAS.2019.8706026>

Investigation of Devulcanised Crumb Rubber Milling and Deagglomeration in Disintegrator System

Lapkovskis, Vjaceslavs; Mironovs, Viktors; Irtiseva, Kristine; **Goljandin, Dmitri**; Shishkin, Andrei Key engineering materials 2019 / p. 216–220 <https://doi.org/10.4028/www.scientific.net/KEM.800.216> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Investigation of FEM software for Magnus Effect Simulation

Lukin, Aleksandr; Demidova, Galina; Lukichev, Dmitry; **Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants** 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 5 p
<https://doi.org/10.1109/IWED52055.2021.9376396>

Investigation of oxygen reduction on platinum nanoparticles deposited onto peat-derived carbon carrier

Lobjakas, Viljar; Nerut, Jaak; Kasuk, Heili; Adamson, Anu; Thomberg, Thomas; Aruväli, Jaan; Valk, Peeter; Teppor, Patrick; Koppel, Mirjam; **Mikli, Valdek; Volobujeva, Olga; Lust, Enn** ECS Meeting Abstracts 2022 / p. 49-58 : ill
<https://doi.org/10.1149/10807.0049ecst> [Journal metrics at Scopus](#) [Article at Scopus](#)

Investigation of signal separation for ultrasonic nondestructive evaluation

Peng, Chengxiang; Ratassepp, Madis; Annus, Paul 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l.
<https://doi.org/10.1109/BEC56180.2022.9935612>

Investigation of steam turbine blades damage and reliability in a power plant

Molodtsov, Artjom; Dedov, Andrei; Klevtsov, Ivan; Kommel, Lembit; Lausmaa, Toomas; Mikli, Valdek 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. 89-94 : ill <https://www.scientific.net/KEM.799.89> https://www.ester.ee/record=b5235278*est
<https://doi.org/10.4028/www.scientific.net/KEM.799.89> [Conference proceeding at Scopus](#) [Article at Scopus](#)

In-vitro investigation of flow profiles in arteries using the photoplethysmograph

Pilt, Kristjan; May, James M.; Kyriacou, Panayiotis A. Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2021 / p. 7211-7214 <https://doi.org/10.1109/EMBC46164.2021.9629713> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Is water quality based stormwater management actually feasible? A SWMM-based study on the trade-offs of various stormwater management approaches

Suits, Kristjan; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill
<https://drive.google.com/file/d/1sTPCrwLPmq-2C0-NX8siSfWp9WLd54A/view>

ISEAUTO self-driving vehicle dynamic model verification

Rjabtšikov, Viktor; Ibrahim, Mahmoud; Kuts, Vladimir 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227396>

Isothermal oxidation of SLM fabricated Mo(Si1-xAlx)2-based composite

Minasyan, Tatevik; Liu, Le; Toyserkani, Ehsan; **Hussainova, Irina** IOP conference series : materials science and engineering 2021 / art. 012003, 8 p.: ill <https://doi.org/10.1088/1757-899X/1140/1/012003>

IT education in clouds and clouds in IT education

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO), 23-27 May 2022, Opatija, Croatia : proceedings 2022 / p. 620-625
<https://doi.org/10.23919/MIPRO55190.2022.9803757>

Italy and Germany : incompatible varieties of Europe or dissimilar twins?

Notermans, Antonius Johannes Hubertus; Piattoni, Simona Italy and Germany, incompatible varieties of Europe? 2022
<https://doi.org/10.4324/9781003280613-2>

Iterative Learning based feedforward control for Transition of a Biplane-Quadrotor Tailsitter UAS

Raj, Nidhish; **Simha, Ashutosh;** Kothari, Mangal; Abhishek; Banavar, Ravi N. 2020 IEEE International Conference on Robotics and Automation (ICRA), 31 May-31 Aug. 2020, Paris, France : proceedings 2020 / p. 321-327 : ill
<https://doi.org/10.1109/ICRA40945.2020.9196671> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

ITS safety ensuring through situational management methods

Makarova, Irina; Shubenkova, Ksenia; Mukhametdinov, Eduard; Mavrin, Vadim; **Antov, Dago; Pashkevich, Anton** Intelligent Transport Systems – From Research and Development to the Market Uptake : First International Conference, INTSYS 2017, Hyvinkää, Finland, November 29-30, 2017, Proceedings 2018 / p. 133 - 143 https://doi.org/10.1007/978-3-319-93710-6_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Jean Monnet: neofunctionalism at work in the European integration

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 121-140
https://doi.org/10.1007/978-3-030-96662-1_13

Jin Yuelin's Simplification of Venn Diagrams

Liu, Xinwen; **Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 260-263 https://doi.org/10.1007/978-3-030-86062-2_26 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

John Cook Wilson's Hanging Plants : a contribution to the History of Early Logic Trees

Beisecker, Dave; **Moktefi, Amirouche** Diagrammatic Representation and Inference : 13th International Conference, Diagrams 2022, Rome, Italy, September 14-16, 2022 : proceedings 2022 / p. 338-346 https://doi.org/10.1007/978-3-031-15146-0_29 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Joint impact of currents and winds on the patch formation near the coasts of the Gulf of Finland

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 1156 - 1160 <https://doi.org/10.2112/SI85-232.1>
<https://www.jcronline.org/doi/abs/10.2112/SI85-232.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

JÄNES : a NAS framework for ML-based EDA applications

Selg, Hardi; Jenihhin, Maksim; Ellervee, Peeter IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems 2021 <https://doi.org/10.1109/DFT52944.2021.9568321>

Kalman-filter based maximum power point tracking for a single-stage grid-connected photovoltaic system

Farrokhi, Ehsan; Ghoreishy, Hoda; **Ahmadihangar, Roya; Rosin, Argo** IECON 2021 – 47th Annual Conference of the IEEE Industrial Electronics Society 2021 / Code 173927 <https://doi.org/10.1109/IECON48115.2021.9589653> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The key challenges of blockchain implementation in maritime sector: summary from literature and previous research findings

Tsiulin, Sergey; Reinau, Kristian Hegner; **Hilmola, Olli-Pekka Kristian** Procedia computer science 2023 / p. 348-357
<https://doi.org/10.1016/j.procs.2022.12.230> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Key factors in coping with large-scale security vulnerabilities in the eID field

Lips, Silvia; **Pappel, Ingrid; Tsap, Valentyna; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 7th International Conference, EGOVIS 2018, Regensburg, Germany, September 3–5, 2018 : proceedings 2018 / p. 60-70
https://doi.org/10.1007/978-3-319-98349-3_5 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Knowledge absorptive capacity, innovation, and firm's performance : insights from the South of Brazil

Davila, Guillermo Antonio; **Durst, Susanne;** Varvakis, Gregorio Managing knowledge, absorptive capacity and innovation 2021 / p. 475-508 https://doi.org/10.1142/9781800610316_0017

Knowledge based decision making in mechanical workshops

Kruuser, Kaarel; Riives, Jüri; Kiolein, Indrek Proceedings of the 32nd International DAAAM Virtual Symposium "Intelligent Manufacturing & Automation" 2021 / p. 0514-0521 <https://doi.org/10.2507/32nd.daaam.proceedings.074>

Knowledge integration for commonsense reasoning with default logic

Järv, Priit; Tammet, Tanel; Verrev, Martin; Draheim, Dirk Proceedings of the 14th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management - KEOD 2022, October 24-26, 2022, in Valletta, Malta ; Vol. 1 / p. 148-155 <https://doi.org/10.5220/0000165700003335>

A knowledge map for ICT integration in the silver economy

Butt, Sidra Azmat; Elhadjamor, Emna A.; Pappel, Ingrid; Öunapuu, Enn; Draheim, Dirk Procedia computer science 2021 / p. 693–701 <https://doi.org/10.1016/j.procs.2021.01.220> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Kouvola Housing fair NZEB houses energy, cost and carbon analyses

Ahmed, Kaiser; Hajian, Hatef; Hasu, Tero; **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213001> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Könige und indikatoren : optionen für ein regieren ohne zahlen

Drechsler, Wolfgang Wissenschaft, Zahlen und Politik 2023 / p. 245-281 https://doi.org/10.1007/978-3-031-23073-8_11

Laboratory tests and modelling of mineral wool insulated steel sandwich panels

Laukkarinen, Anssi; Vinha, Juha; **Kalbe, Kristo; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17006, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017217006> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Latch-Based logic locking

Sweeney, J.; Mohammed Zackriya, V.; **Pagliarini, Samuel Nascimento**; Pileggi, Larry Proceedings of the IEEE International Symposium on Hardware Oriented Security and Trust, HOST 2020 2020 / p. 132–141 : ill <https://doi.org/10.1109/HOST45689.2020.9300256>

Latest trends in hardware security and privacy

Di Natale, Giorgio; Regazzoni, Francesco; Albanese, Vincent; Lhermet, Frank; Loisel, Yann; Sensaoui, Abderrahmane; **Pagliarini, Samuel Nascimento** 33rd IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) : ESA-ESRIN, Italy (On-line Virtual Event), October 19–21, 2020 2020 / 4 p. : ill <https://doi.org/10.1109/DFT50435.2020.9250816>

Lattice-based threshold signature implementation for constrained devices

Dobias, Patrik; Ricci, Sara; Dzurenda, Petr; Malina, Lukas; **Snetkov, Nikita** Proceedings of the 20th International Conference on Security and Cryptography. Vol. 1 2023 / p. 724-730 <https://doi.org/10.5220/0012112700003555>

Layout planning and analysis of a Flexible Manufacturing System based on 3D Simulation and Virtual Reality

Mahmood, Kashif; Otto, Tauno; Chakraborty, A. Procedia CIRP 2023

LCL-filter design and application

Husev, Oleksandr; Matiushkin, Oleksandr Distributed energy systems : design, modeling, and control 2023 / p. 283-294 <https://doi.org/10.1201/9781003229124-18>

Learning content revisited : basis for creating a system of educational (pedagogical) activities

Rüütman, Tiia; Läänemets, Urve; Kaja, Kadi Towards a hybrid, flexible and socially engaged higher education : proceedings of the 26th international conference on interactive collaborative learning (icl2023), volume 4 2024 / p. 342-352

Learning from the self-organizing universe : towards evolutionary e-planning

Partanen, Jenni Vilhelmiina Trends and Innovations in Urban E-Planning 2022 / p. 219-245 <https://doi.org/10.4018/978-1-7998-9090-4.ch010>

Learning logistics from MOOCs: an ample teaching cacophony

Niine, Tarvo; Cordova, Miguel; Cantoni, Franca; Küttim, Merle Eighth International Conference on Higher Education Advances 2022 / p. 857-864 <https://doi.org/10.4995/HEAD22.2022.14650> <http://ocs.editorial.upv.es/index.php/HEAD/HEAD22/paper/view/14650> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The learning motives of business students and postponement

Niine, Tarvo; Hartšenko, Jelena; Küttim, Merle; Kornijenko, Anna; Loooris, Juhan HEAd'23 : International Conference on Higher Education Advances : Proceedings 2023 / p. 623-630 <https://doi.org/10.4995/HEAD23.2023.16871>

Learning timed automata from interaction traces

Vain, Jüri; Kanter, Gert; Anier, Aivo IFAC-PapersOnLine 2019 / p. 205-210 <https://doi.org/10.1016/j.ifacol.2019.12.097> [Conference](#)

[proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Learning to program with Lego Mindstorms - difference between K-12 students and adults

Umbleja, Kadri Teaching and Learning in a Digital World : proceedings of the 20th International Conference on Interactive Collaborative Learning. Volume 2 2018 / p. 447-458 https://link.springer.com/chapter/10.1007/978-3-319-73204-6_49 https://doi.org/10.1007/978-3-319-73204-6_49 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A legal framework for digital transformation : a proposal based on a comparative case study

Ahmed, Rozha Kamal; Muhammed, Khder H.; Qadir, Awat O.; Arif, Soran I.; **Lips, Silvia**; **Nyman-Metcalf, Katrin Merike**; **Pappel, Ingrid**; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 10th International Conference, EGOVIS 2021, Virtual Event, September 27–30, 2021 : proceedings 2021 / p. 115–128 https://doi.org/10.1007/978-3-030-86611-2_9 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

A legally relevant socio-technical language development for smart contracts

Dwivedi, Vimal Kumar; **Norta, Alexander** 2018 IEEE 3rd International Workshops on Foundations and Applications of Self* Systems : (FAS*W), 3–7 September, 2018 Trento, Italy : proceedings 2018 / p. 11-13 <https://doi.org/10.1109/FAS-W.2018.00016>

A legal-relationship establishment in smart contracts : ontological semantics for programming-language development

Dwivedi, Vimal Kumar; **Norta, Alexander** Advances in Computing and Data Sciences : 5th International Conference, ICACDS 2021, Nashik, India, April 23–24, 2021, Revised Selected Papers, Part I : proceedings 2021 / p. 660-676 https://doi.org/10.1007/978-3-030-81462-5_58 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Lessons learned from a multi-national project on developing a platform for the silver economy

Butt, Sidra Azmat; **Kangilaski, Taivo**; **Draheim, Dirk** Procedia computer science 2023

Leveraging layout-based effects for locking analog ICs

Aljafar, Muayad J.; Azais, Florence; Flottes, Marie-Lise; **Pagliarini, Samuel Nascimento** ASHES'22: Proceedings of the 2022 Workshop on Attacks and Solutions in Hardware Security 2022 / p. 5-13 <https://doi.org/10.1145/3560834.3563826>

Lewis Carroll's almost diagrammatic logic notation

Englebreetsen, George; **Moktefi, Amirouche** Logic in Question : Talks from the Annual Sorbonne Logic Workshop (2011- 2019) 2023 / p. 151-168 https://doi.org/10.1007/978-3-030-94452-0_8 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Lifetime-oriented control strategies for hybrid energy storage systems in an islanded microgrid

Cinay, Nazli; **Häring, Tobias**; **Rosin, Argo**; **Korötko, Tarmo**; **Ahmadihangar, Roya**; Biechl, Helmuth 2021 22nd IEEE International Conference on Industrial Technology (ICIT) : proceedings 2021 / p. 1-6 <https://doi.org/10.1109/ICIT46573.2021.9453617> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Lightweight monitoring scheme for flooding DoS Attack detection in multi-tenant MPSoCs

Chaves Arroyave, Cesar Giovanni; Sepulveda, Johanna; **Hollstein, Thomas** 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISCAS51556.2021.9401153> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A linear filtering framework for nonlinear systems based on extended output injection

Simha, Ashutosh; **Kotta, Ülle** IFAC-PapersOnLine 2019 / p. 274-279 <https://doi.org/10.1016/j.ifacol.2019.11.791> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Literature review on work-based learning

Murtazin, Kristina; **Shvets, Oleg**; **Piho, Gunnar** 2020 IEEE Frontiers in Education Conference (FIE) 2020 <https://doi.org/10.1109/FIE44824.2020.9274264> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Live enrolment for identity documents in Europe

Kalvet, Tarmo; Karlzén, Henrik; Hunstad, Amund; Tiits, Marek Electronic Government : 17th IFIP WG 8.5 International Conference : EGOV 2018, Krems, Austria, September 3–5, 2018 : proceedings 2018 / p. 29-39 : ill https://doi.org/10.1007/978-3-319-98690-6_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Load current harmonic model complexity reduction through empirical pattern analysis

Kamran, Daniel; **Kütt, Lauri**; **Iqbal, Muhammad Naveed**; **Shabbir, Noman**; **Jarkovoi, Marek**; **Parker, Martin** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227474>

Load flow modelling in local energy community electric power systems

Korötko, Tarmo; Drovtar, Imre; Mutule, Anna; Kairisa, Evita; **Rosin, Argo** 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / 7 p <https://doi.org/10.1109/ENERGYCON53164.2022.9830203>

Load-bearing timber structures

Just, Alar; Abu, Anthony; Barber, David; Dagenais, Christian; Klippel, Michael; Milner, Martin Fire safe use of wood in buildings : global design guide 2022 / p. 227-276 <https://doi.org/10.1201/9781003190318-7>

A location-based application for recording the video stream of urban traffic cameras

Leoste, Karl Aleksander; Leoste, Johan Valdemar; **Leoste, Janika;** San Martín, Jose 2024

Long-term stability of EEG spectral asymmetry index - preliminary study

Uudeberg, Tuuli; Päeske, Laura; Pöld, Toomas; **Lass, Jaanus; Hinrikus, Hiie; Bachmann, Maie** XV Mediterranean Conference on Medical and Biological Engineering and Computing - MEDICON 2019 : proceedings of MEDICON 2019, September 26–28, 2019, Coimbra, Portugal 2020 / p. 276-281 https://doi.org/10.1007/978-3-030-31635-8_33 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A look at service meshes

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. 9555536, 8 p <https://doi.org/10.1109/IISA52424.2021.9555536>

Low-cost open-source flow velocity sensor for droplet generators

Prabatama, Nicky Andre; **Jõemaa, Rauno;** Hegedus, Kristof; **Pardy, Tamas** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 4 I. <https://doi.org/10.1109/BEC56180.2022.9935606>

Low-cost, portable dual-channel pressure pump for droplet microfluidics

Jõemaa, Rauno; Grosberg, Martin; Rang, Toomas; Pardy, Tamas 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO), 23-27 May 2022, Opatija, Croatia : proceedings 2022 / p. 205-211 : ill <https://doi.org/10.23919/MIPRO55190.2022.9803371>

Machine learning and deep learning techniques for residential load forecasting : a comparative analysis

Shabbir, Noman; Kütt, Lauri; Raja, Hadi Ashraf; Ahmadiyahangar, Roya; Rosin, Argo; Husev, Oleksandr 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon): conference proceedings 2021 / p. 1-5 <https://doi.org/10.1109/RTUCon53541.2021.9711741>

Machine learning approach for flexibility characterisation of residential space heating

Häring, Tobias; Ahmadiyahangar, Roya; Rosin, Argo; Biechl, Helmuth IECON 2021 - 47th Annual Conference of the IEEE Industrial Electronics Society, Toronto, Canada, Oct. 13-16, 2021 2021 / 6 p. : ill <https://doi.org/10.1109/IECON48115.2021.9589216> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Machine learning approach versus prediction formulas to design healthy dwellings in a cold climate

Sepulveda Luque, Abel; Eslamirad, Nasim; De Luca, Francesco eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 359-368 <https://doi.org/10.52842/conf.ecaade.2023.2.359>

Machine learning based analysis of the upper limb freezing during handwriting in Parkinson's disease patients

Gorbatšov, Vassili; Valla, Elli; Nömm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-PapersOnLine 2022 / p. 91-95 <https://doi.org/10.1016/j.ifacol.2022.10.237> [Conference Proceeding metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Machine learning techniques for wireless-powered ambient backscatter communications : enabling intelligent iot networks in 6g era

Jameel, Furqan; **Sharma, Navuday;** Khan, Muhammad Awais; Khan, Imran; **Alam, Muhammad Mahtab;** Alam, Muhammad Mahtab; Mavromoustakis, Constandinos X. Internet of Things / 2020 https://doi.org/10.1007/978-3-030-44907-0_8 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Machine learning vs human learning

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2021 44th International Convention on Information, Communication and Electronic Technology (MIPRO), September 27 - October 1, 2021, Opatija, Croatia : proceedings 2021 / p. 542–548 <https://doi.org/10.23919/MIPRO52101.2021.9596771>

Magnetic studies on spinel ferrite nanoparticles and bulk samples synthesized by citrate combustion route

Dimri, Mukesh C.; Khanduri, H.; Agarwal, P.; Garg, V.; **Mere, A.;** Stern R. DAE Solid State Physics symposium 2019, 18–22 December 2019, Jodhpur, India 2020 / art. 030517 <https://doi.org/10.1063/5.0016823> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Making e-government work : learning from the Netherlands and Estonia

Bharosa, Nitesh; Lips, Silvia; **Draheim, Dirk** Electronic Participation : 12th IFIP WG 8.5 International Conference, ePart 2020, Linköping, Sweden, August 31 – September 2, 2020 : proceedings 2020 / p. 41-53 https://doi.org/10.1007/978-3-030-58141-1_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Making meaning together : an autoethnography study on our role in ethics education

Making sense of Schopenhauer's diagram of Good and Evil

Lemanski, Jens; **Moktefi, Amirouche** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 721-724 : ill https://doi.org/10.1007/978-3-319-91376-6_67 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Making use of point cloud for generating subtractive solar envelopes

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil eCAADe SIGraDi 2019 - Architecture in the Age of the 4th Industrial Revolution. Vol. 1 2019 / p. 633-640 : ill http://papers.cumincad.org/data/works/att/ecaadesigradi2019_061.pdf
https://doi.org/10.5151/proceedings-ecaadesigradi2019_061 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Management and organization of e-participation : synthesis from 15 European initiatives

Randma-Liiv, Tiina; Lember, Veiko Engaging citizens in policy making : e-participation practices in Europe 2022 / p. 260-279
<https://doi.org/10.4337/9781800374362.00025> https://www.ester.ee/record=b5493342*est

Management of braking energy in electric vehicles using reinforcement learning

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2023 International Conference on Clean Electrical Power (ICCEP) 2023 / p. 559-564 <https://doi.org/10.1109/ICCEP57914.2023.10247359>

Managing crisis in SMEs

Koppel, Tarmo; Tšernikova, Olga Crisis management for small and medium-sized enterprises (SMEs) : strategies for external crises 2022 / p. 47-58 : ill https://doi.org/10.1007/978-3-030-91727-2_5

Mapping digital technologies used in entrepreneurship education against the ompetences they develop using entrecomp framework as a reference: a systematic literature review

Hammoda, Basel Osama Sayed Ahmed INTED2022 Proceedings: 16th International Technology, Education and Development Conference. Online Conference. 7-8 March, 2022 2022 / p. 5489-5498 <https://doi.org/10.21125/inted.2022.1415>

Mapping E-governance in the EU

Ramiro Troitino, David Digital development of the European Union : an interdisciplinary perspective 2023 / p. 303-317
https://doi.org/10.1007/978-3-031-27312-4_19 https://www.ester.ee/record=b5557935*est

Mapping recurrent flooding zone along Estonian inland waters from Sentinel-1 and-2

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo International archives of the photogrammetry, remote sensing and spatial information sciences 2020 / p. 627-632 <https://doi.org/10.5194/isprs-archives-XLIII-B3-2020-627-2020> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Margaret Thatcher: British strategy in the European integration

Ramiro Troitino, David The European Union and its political leaders : understanding the integration process 2022 / p. 207-218
https://doi.org/10.1007/978-3-030-96662-1_18

Maritime investment appraisal: The case of waste heat recovery systems installation

Olaniyi, Eunice Omolola; Prause, Gunnar Klaus Reliability and statistics in transportation and communication : Selected Papers from the 20th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'20, 14-17 October 2020, Riga, Latvia 2021 / p. 603-612 https://doi.org/10.1007/978-3-030-68476-1_56 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Mathematical modeling and dynamic behavior of a lithium-ion battery system for microgrid application

Rahmoun, Ahmad; Armstorfer, Andreas; Helguero Cruz, Jorge Luis; Biechl, Helmuth; Rosin, Argo 2016 IEEE International Energy Conference (ENERGYCON) : [Leuven, Belgium, 4-8 April 2016] 2016 / [6] p. : ill
<https://doi.org/10.1109/ENERGYCON.2016.7513977>

Matrix Profile based anomaly detection in streaming gait data for fall prevention

Gerazov, Branislav; Hadjieva, Elena; **Krivošei, Andrei; Sanchez, Fiorella Ines Soto; Rostovski, Jakob; Kuusik, Alar; Alam, Muhammad Mahtab** 2023 30th International Conference on Systems, Signals and Image Processing (IWSSIP) 2023 / p. 1-5
<https://doi.org/10.1109/IWSSIP58668.2023.10180243>

Maturity Model for Automatization of Service Provision and Decision-Making Processes in Municipalities

Pappel, Ingmar; **Gelashvili, Teona; Pappel, Ingrid** Proceedings of Sixth International Congress on Information and Communication Technology 2022 / p. 399-409 : ill https://doi.org/10.1007/978-981-16-1781-2_37 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Maximum power point tracking algorithm for step-up/down partial power converters with improved performance around zero partiality

Yadav, Neelesh; Chub, Andrii; Hassanpour, Naser; Blinov, Andrei; 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-POWERENG58103.2023.10227506>

Measured performance of exhaust air heat pumps in Finnish apartment buildings

Pylsy, Petri; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 06001, 7 p <https://doi.org/10.1051/e3sconf/202124606001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Measuring complexity of legislation. A systems engineering approach

Kütt, Andres; Kask, Laura Proceedings of Fifth International Congress on Information and Communication Technology : ICICT 2020, Vol. 1 2021 / p. 75-94 https://doi.org/10.1007/978-981-15-5856-6_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Measuring the efficiency of private schools: conceptual issues and empirical evidence : chapter 3

Agasisti, Tommaso; Ferraro, Simona Privatization in and of Education 2024

MedBloT : generation of an IoT Botnet Dataset in a medium-sized IoT network

Guerra Manzanares, Alejandro; Medina-Galindo, Jorge; Bahsi, Hayretudin; Nömm, Sven Proceedings of the 6th International Conference on Information Systems Security and Privacy, ICISSP : February 25-27, 2020, La Valletta, Malta. Vol. 1 2020 / p. 207-218 : ill <https://doi.org/10.5220/0009187802070218>

Megatrend and intervention impact analyzer for jobs : a visualization method for labor market intelligence

Õpik, Rain; Kirt, Toomas; Liiv, Innar Journal of official statistics 2018 / p. 961-979 : ill <https://doi.org/10.2478/jos-2018-0047> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Memristive device based circuits for computation-in-memory architectures

Lebdeh, Muath Abu; Reinsalu, Uljana; Nguyen, Hoang Anh Du; Wong, Stephan; Hamdioui, Said 2019 IEEE International Symposium on Circuits and Systems (ISCAS) : proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/ISCAS.2019.8702542> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Mental model mapping method for cybersecurity

Kullman, Kaur; Buchanan, Laurin; Komlodi, Anita; Engel, Don HCI for Cybersecurity, Privacy and Trust : Second International Conference, HCI-CPT 2020, Held as Part of the 22nd HCI International Conference, HCI 2020, Copenhagen, Denmark, July 19–24, 2020 : Proceedings 2020 / p. 458-470 https://doi.org/10.1007/978-3-030-50309-3_30 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Messung, Prüfung und Nachweis von IT-Sicherheit

Skierka-Canton, Isabel IT-Sicherheitsrecht : Praxishandbuch 2021 / S. 154–180 <https://www.nomos-shop.de/en/nomos/title/it-sicherheitsrecht-id-86855/>

A method for adding cyberethical behaviour measurements to computer science homework assignments

Mäses, Sten; Aitsam, Heleri; Randmann, Liina 19th Koli Calling Conference on Computing Education Research Koli Calling 2019 : November 21-24, 2019, Koli, Finland : proceedings 2019 / 5 p. : ill <https://doi.org/10.1145/3364510.3364529> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Method for evaluating information security level in organisations

Seeba, Mari; Mäses, Sten; Matulevičius, Raimundas Research Challenges in Information Science : 16th International Conference, RCIS 2022 : Barcelona, Spain, May 17–20, 2022 : proceedings 2022 / p. 644-652 : ill https://doi.org/10.1007/978-3-031-05760-1_39 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A method of comparative spatial analysis of a digitized (LiDAR) point cloud and the corresponding GIS database

Maigre, Riina; Haav, Hele-Mai; Lillemets, Rauni; Julge, Kalev; Anton, Gaspar Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 219-232 : ill https://doi.org/10.1007/978-3-030-57672-1_17 [Conference proceeding at Scopus](#) [Article at Scopus](#)

A method to develop energy activated ETICS

Ilomets, Simo; Heim, Dariusz; Chodak, Ivan; Czarny, Dariusz; Kalamees, Targo E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 21006, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017221006> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Methodeutic of abduction

Bellucci, Francesco; Pietarinen, Ahti-Veikko Abduction in Cognition and Action 2021 / p. 107–127 https://doi.org/10.1007/978-3-030-61773-8_5

Methodologies of contemporary disaster resilience research

Witt, Emlyn David Qivitoq; Lill, Irene Procedia engineering 2018 / p. 970-977 : tab <https://doi.org/10.1016/j.proeng.2018.01.125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Methodology for mapping flood extent on Estonian floodplains

Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo; Rikka, Sander 2020 IEEE International Geoscience and Remote Sensing Symposium, September 26 – October 2, 2020 : Virtual Symposium : Proceedings 2020 / p. 4750-4753
<https://doi.org/10.1109/IGARSS39084.2020.9324369> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Microstructure formation and performance of reactive sintered titanium oxycarbide base ceramic-ceramic composites

Juhani, Kristjan; Kübarsepp, Jakob; Tarraste, Marek; Pirso, Jüri; Viljus, Mart 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. 131-135 : ill <https://www.scientific.net/KEM.799.131> https://www.ester.ee/record=b5235278*est
<https://doi.org/10.4028/www.scientific.net/KEM.799.131> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Migration from HL7 CDA to FHIR in infectious disease system of Estonia

Bossenko, Igor; Linna, Kerli; Piho, Gunnar; Ross, Peeter Studies in Health Technology and Informatics ; 299 2022 / p. 275-278
<https://doi.org/10.3233/SHTI220998> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

MIMO reinforcement learning based approach for frequency support in microgrids with high renewable energy penetration

Škiparev, Vjatšeslav; Belikov, Juri; Petlenkov, Eduard 2021 IEEE Power & Energy Society General Meeting (PESGM), 26-29 July 2021 2021 / 5 p. : ill <https://doi.org/10.1109/PESGM46819.2021.9637942>

Mind the consequences : quantification in economic and public policy

Drechsler, Wolfgang; Fuchs, Lukas The politics of modelling : numbers between science and policy 2023 / p. 83-98
<https://doi.org/10.1093/oso/9780198872412.003.0006>

Minor and parental access to electronic health records : differences across four countries

Hagström, Josefin; Scandurra, Isabella; Moll, Jonas; Blease, Charlotte; **Haage, Barbara;** Hörhammer, Iiris; Hägglund, Maria Challenges of Trustable AI and Added-Value on Health 2022 / p. 495 - 499 <https://doi.org/10.3233/SHTI220508> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Mission profile-based accelerated testing of DC-link capacitors in photovoltaic inverters

Sangwongwanich, Ariya; Shen, Yanfeng; **Chub, Andrii; Liivik, Elizaveta; Vinnikov, Dmitri;** Wang, Huai; Blaabjerg, Frede Thirty-Fourth Annual IEEE Applied Power Electronics Conference and Exposition, March 17 – 21, 2019, Anaheim, California 2019 / p. 2833-2840 : ill <https://doi.org/10.1109/APEC.2019.8721794> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

MLC: a machine learning based checker for soft error detection in embedded processors

Nosrati, Nooshin; **Jenihhin, Maksim;** Navabi, Zainalabedin Proceedings - 2022 IEEE 28th International Symposium on On-Line Testing and Robust System Design, IOLTS 2022 2022 / Code 183305 <https://doi.org/10.1109/IOLTS56730.2022.9897309> [Article at Scopus](#) [Article at WOS](#)

Mobile cyber-physical system for monitoring the health of patients with cardiovascular diseases

Hovorushchenko, Tetiana; Hryshchuk, Illia; Hovorushchenko, Olha; Rei, Kostyantyn; **Boyarchuk, Artem** CITRisk 2022 : Computational & Information Technologies for Risk-Informed Systems 2022 : Proceedings of the 3rd International Workshop on Computational & Information Technologies for Risk-Informed Systems (CITRisk 2022)co-located with XXII International scientific and technical conference on Information Technologies in Education and Management (ITEM 2022) 2022 / p. 86 - 95 <https://ceur-ws.org/Vol-3422/Paper8.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Mobile phone usage data for credit scoring

Ots, Henri; Liiv, Innar; Tur, Diana Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 82-95 https://doi.org/10.1007/978-3-030-57672-1_7 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Modal embeddings and calling paradigms

Espirito Santo, Jose; Pinto, Luis; **Uustalu, Tarmo** 4th International Conference on Formal Structures for Computation and Deduction : FSCD 2019, Dortmund, Germany, 24-30 June 2019 2019 / art. 18 ; 20 p. : ill <https://doi.org/10.4230/LIPIcs.FSCD.2019.18> [Conference proceeding at Scopus](#) [Article at Scopus](#)

A model and system for an integrated analysis of the iterative life cycle of university-industry partnerships

Kaklauskas, Arturas; Amaratunga, Dilanthi; Haigh, Richard; Binkyte, A.; Lepkova, Natalija; Survila, A.; **Lill, Irene** Procedia engineering 2018 / p. 270-277 <https://doi.org/10.1016/j.proeng.2018.01.035> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Model based approach for testing: distributed real-time systems augmented with online monitors

Pal, Deepak; Vain, Jüri Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 142-157 https://doi.org/10.1007/978-3-319-97571-9_13 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Model based Test framework for communications-critical internet of things systems

Pal, Deepak; Vain, Jüri Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. 79-94 https://www.ester.ee/record=b5203991*est <https://doi.org/10.3233/978-1-61499-941-6-79> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Model-based analysis of secure and patient-dependent pacemaker monitoring system

Tsiopoulos, Leonidas; Kuusik, Alar; Vain, Jüri; Bahsi, Hayrettdin Body Area Networks. Smart IoT and Big Data for Intelligent Health : 15th EAI International Conference, BODYNETS 2020, Tallinn, Estonia, October 21, 2020 : proceedings 2020 / p. 77-91 https://doi.org/10.1007/978-3-030-64991-3_6 [Journal metrics at scopus](#) [Article at Scopus](#)

A model-based LQR control of an obstacle avoidance maneuver of a self-driving car

Astrov, Igor; Udal, Andres; Pikner, Heiko; Malayjerdi, Ehsan 2022 IEEE 20th Jubilee World Symposium on Applied Machine Intelligence and Informatics (SAMI) : Poprad, Slovakia, 2-5 March 2022 2022 / p. 473-478 : ill <https://doi.org/10.1109/SAMI54271.2022.9780755>

Model-based service provisioning in optical networks

Karunakaran, Vignesh; Müller, Jasper; Slyne, Frank; **Kaeval, Kaida**; Troia, Sebastian; Autenrieth, Achim; Kilper, Daniel C.; Bauschert, Thomas; Ruffini, Marco ECOC 2023 : 49th European Conference on Optical Communications, 1-5 October 2023 2024 <https://doi.org/10.1049/icp.2023.2429>

Model-based system architecture for event-triggered wireless control of bio-analytical devices

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas 2021 24th Euromicro Conference on Digital System Design (DSD), 01-03 September 2021 2021 / p. 465-471 : ill <https://doi.org/10.1109/DSD53832.2021.00076>

Modeling and identification of an industrial hot water boiler

Tarasevich, Maksimilian; Tepljakov, Aleksei; Petlenkov, Eduard; Vansovitš, Vitali 2020 43rd International Conference on Telecommunications and Signal Processing : TSP 2020, Milan, Italy, July 7-9, 2020 2020 <https://doi.org/10.1109/TSP49548.2020.9163503>

Modeling soft-error reliability under variability

Balakrishnan, Aneesh; Cardoso Medeiros, Guilherme; Gürsoy, Cemil Cem; Hamdioui, Said; **Jenihhin, Maksim**; Alexandrescu, Dan 2021 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) : 6-8 Oct. 2021 2021 / p. 1-6 <https://doi.org/10.1109/DFT52944.2021.9568295>

Modelling FGM materials. An accurate function approximation algorithms

Majak, Jüri; Mikola, Madis; Pohlak, Meelis; Eerme, Martin; Karunanidhi, Ramachandran IOP conference series : materials science and engineering 2021 / art. 012013, 6 p <https://doi.org/10.1088/1757-899X/1140/1/012013>

Modelling of wax actuators in underfloor heating manifolds

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek E3S Web Conference : Cold Climate HVAC and Energy 2021 2021 / art. 11009, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124611009> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modelling process parameters of the PA12-CF60 carbon fiber laminating tape for low cost laminating devices

Haavajõe, Anti; Mikola, Madis; Pohlak, Meelis International Conference of numerical analysis and applied mathematics, ICNAAM 2019, 23-28 September 2019, Rhodes, Greece 2020 / art. 230006 <https://doi.org/10.1063/5.0026715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modelling residual stresses in glass structures

Õunapuu, Erko; Anton, Johan; **Klauson, Aleksander** AIP conference proceedings 2019 / art. 330007 <https://doi.org/10.1063/1.5114345> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modelling the impact of space situational awareness disruption on the European and Arctic security landscape

Carlo, Antonio; Boschetti, Nicolo Modelling and Simulation for Autonomous Systems: 9th International Conference, MESAS 2022, Prague, Czech Republic, October 20-21, 2022 : Revised Selected Papers 2023 / p. 299-311 https://doi.org/10.1007/978-3-031-31268-7_18

Modern methods and devices for cardiac rhythm management : Introductory chapter

Min, Mart; Cismaru, Gabriel Cardiac Rhythm Management - Pacing, Ablation, Devices 2022 <https://doi.org/10.5772/intechopen.104947>

Modern robot integrated manufacturing cell according to the needs of Industry 4.0

Moor, Madis; Vaher, Kristo; Riives, Jüri; Kangro, Tavo; **Otto, Tauno** IOP conference series : materials science and engineering 2021 / art. 012034, 5 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012034>

Modified initial design procedure for synchronous reluctance motor

Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton 2022 International Conference on Electrical Machines (ICEM) 2022 / p. 1969-1975 <https://doi.org/10.1109/ICEM51905.2022.9910594>

Modified Q-Z-Source DC Circuit Breaker for Next-Generation Electric Aircrafts

Aditya, P.; Venkata Raghavendra, I.; Banavath, Satish Naik; **Chub, Andrii**; Song, Xiaoqing; **Vinnikov, Dmitri**; Wang, Fred 2023 IEEE Applied Power Electronics Conference and Exposition (APEC) 2023 / p. 1049–1056

Moisture drying capacity of mineral wool insulated steel-faced sandwich panels by convection

Lomp, Siim; Kalbe, Kristo; Kalamees, Targo Acta Polytechnica CTU proceedings 2022 / p. 347-353
<https://doi.org/10.14311/APP.2022.38.0347> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Moisture dry-out from steel faced insulated sandwich panels

Kalbe, Kristo; Piikov, Hubert; **Kurnitski, Jarek; Kalamees, Targo** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 17007, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017217007>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Monograin layer solar cell for future lunar outpost

Kristmann, Katriin; Altosaar, Mare; Raudoja, Jaan; Grossberg, Maarja; Krustok, Jüri; Raadik, Taavi IAC 2020 congress proceedings Proceedings of the International Astronautical Congress, IAC 2020 / 7 p. : ill [Monograin layer solar cell for future lunar outpost https://doi.org/10.1051/e3sconf/202017217007](https://doi.org/10.1051/e3sconf/202017217007) <https://doi.org/10.1051/e3sconf/202017217007> [Conference proceeding at Scopus](https://doi.org/10.1051/e3sconf/202017217007) [Article at Scopus](https://doi.org/10.1051/e3sconf/202017217007)

Monoidal streams for dataflow programming

Di Lavore, Elena; De Felice, Giovanni; **Roman Garcia, Mario** 37th Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2022, Haifa, 2 August 2022 - 5 August 2022 2022 / art. 3533365, p. 1-14 : ill <https://doi.org/10.1145/3531130.3533365> [Conference proceeding at Scopus](https://doi.org/10.1145/3531130.3533365) [Article at Scopus](https://doi.org/10.1145/3531130.3533365)

Monoidal width : capturing rank width

Di Lavore, Elena; Sobocinski, Pawel Maria Proceedings Fifth International Conference on Applied Category Theory : Glasgow, Scotland, 18-22 July 2022 2023 / p. 268-283 : ill <https://doi.org/10.48550/arXiv.2205.08916>

MOOCs in logistics – preliminary data on university curricula coverage

Niine, Tarvo; Cantoni, Franca; Cordova, Miguel Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 586-597 https://doi.org/10.1007/978-3-030-68198-2_54 [Article collection metrics at Scopus](https://doi.org/10.1007/978-3-030-68198-2_54) [Article at Scopus](https://doi.org/10.1007/978-3-030-68198-2_54) [Article at WOS](https://doi.org/10.1007/978-3-030-68198-2_54)

Morphological cross entropy loss for improved semantic segmentation of small and thin objects

Pihlak, Rene; Riid, Andri Procedia computer science 2021 / p. 582–591 <https://doi.org/10.1016/j.procs.2021.08.060> [Conference proceeding at Scopus](https://doi.org/10.1016/j.procs.2021.08.060) [Article at Scopus](https://doi.org/10.1016/j.procs.2021.08.060) [Article at WOS](https://doi.org/10.1016/j.procs.2021.08.060)

Motion imitation of the human pelvic and hip joints

Musalimov, Victor; **Arjassov, Gennadi; Žigailov, Sergei; Rõbak, Dmitri; Penkov, Igor** Mechatronics systems and materials 2018 2018 / art. 020046, 6 p. : ill <https://doi.org/10.1063/1.5066508> [Conference proceedings at Scopus](https://doi.org/10.1063/1.5066508) [Article at Scopus](https://doi.org/10.1063/1.5066508) [Article at WOS](https://doi.org/10.1063/1.5066508)

Moving Hadoop to the Cloud for Big Data Analytics

Astrova, Irina; Koschel, Arne; Heine, Felix; **Kalja, Ahto** Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. 195-209 <https://doi.org/10.3233/978-1-61499-941-6-195>
https://www.ester.ee/record=b5203991*est [Conference proceedings at Scopus](https://www.ester.ee/record=b5203991*est) [Article at Scopus](https://www.ester.ee/record=b5203991*est) [Article at WOS](https://www.ester.ee/record=b5203991*est)

MPPT algorithms for wind turbines : review and comparison

Lukin, Aleksandr; **Demidova, Galina**; Alassaf, Omar; Lukichev, Dmitry; **Rassõlkin, Anton; Vaimann, Toomas** 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1-6
<https://doi.org/10.1109/IWED54598.2022.9722597>

Multi-Agent systems and Blockchain: results from a systematic literature review

Calvares, Davide; Dubovitskaya, Alevtina; Calbimonte, Jean Paul; **Taveter, Kuldar**; Schumacher, Michael Advances in Practical Applications of Agents, Multi-Agent Systems, and Complexity: The PAAMS Collection : 16th International Conference, PAAMS 2018, Toledo, Spain, June 20–22, 2018 : proceedings 2018 / p. 110-126 https://doi.org/10.1007/978-3-319-94580-4_9 [Conference Proceedings at Scopus](https://doi.org/10.1007/978-3-319-94580-4_9) [Article at Scopus](https://doi.org/10.1007/978-3-319-94580-4_9) [Article at WOS](https://doi.org/10.1007/978-3-319-94580-4_9)

A multi-armed bandit solver method for adaptive power allocation in device-to-device communication

Khan, Muhidul Islam; Alam, Muhammad Mahtab; Le Moullec, Yannick Procedia computer science 2018 / p. 1069-1076
<https://doi.org/10.1016/j.procs.2018.04.155> [Conference Proceedings at Scopus](https://doi.org/10.1016/j.procs.2018.04.155) [Article at Scopus](https://doi.org/10.1016/j.procs.2018.04.155) [Article at WOS](https://doi.org/10.1016/j.procs.2018.04.155)

A multidimensional understanding of EU's digital sovereignty

Martinez-Ramil, Pablo; Bolanos-Frasquet, Haridian; **Hamulak, Ondrej; Kerikmäe, Tanel** Digital development of the European Union : an interdisciplinary perspective 2023 / p. 235-247 https://doi.org/10.1007/978-3-031-27312-4_15
https://www.ester.ee/record=b5557935*est

Multi-faceted evaluation of the Digital Silver Hub to validate its platform requirements

Butt, Sidra Azmat; Weck, Marina; Pappel, Ingrid; Draheim, Dirk Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97 2023 / p. 164–177 : ill <https://doi.org/10.54941/ahfe1003893>

A multi-layer Cu:Ga/In sputtered precursor to improve structural properties of CIGS absorber layer

Misra, Prashant; **Mandati, Sreekanth**; Rao, Tata Naransinga; Sarada, Bulusu V. Materials today: proceedings 2021 / p. 2037-2041 : ill <https://doi.org/10.1016/j.matpr.2020.09.545>

Multi-layer cyber-physical low-level control solution for mobile robots

Pikner, Heiko; Karjust, Kristo IOP conference series : materials science and engineering 2021 / art. 012048 <https://doi.org/10.1088/1757-899X/1140/1/012048>

Multimodale Verwendung von Phrasemen und Lexemen in der Werbung

Umborg, Viktoria Werbung für alle Sinne : Multimodale Kommunikationsstrategien 2020 / S. 43-55 https://doi.org/10.1007/978-3-658-25129-1_4

Multi-objective optimization for daylight retrofit

De Luca, Francesco; Wortmann, Thomas eCAADe 2020 : Anthropologic – Architecture and Fabrication in the cognitive age : Proceedings of the 38th eCAADe Conference : Education and research in Computer Aided Architectural Design in Europe, Berlin, Germany, 16-17 September 2020 2020 / p. 57-66 : ill http://ecaade.org/downloads/eCAADe2020_volume1-print.pdf
http://papers.cumincad.org/cgi-bin/works/paper/ecaade2020_272 Conference proceeding at Scopus Article at Scopus Article at WOS

Multi-performance method for urban densification

Sepulveda Luque, Abel; Eslamirad, Nasim; De Luca, Francesco Proceedings of Building Simulation 2023 : 18th Conference of IBPSA 2023 / p. 1169-1176 https://publications.ibpsa.org/conference/paper/?id=bs2023_1307

A multiplexed FBG based sensor platform for flow and temperature measurements in the Baltic Sea

Dzipsalski, A.; Morton, J. A. S.; Papachristou, N.; Maier, R. R. J.; MacPherson, W. N.; **Ristolainen, Asko; Kruusmaa, Maarja**; Reilent, E.; **Suhhova, Irina; Lips, Urmis** Proceedings of SPIE - The International Society for Optical Engineering 2023 / art. 1264307-1 : ill <https://doi.org/10.1117/12.2679756>

Multiplierless design of high-speed very large constant multiplications

Aksoy, Levent; Roy, Debapriya Basu; **Imran, Malik; Pagliarini, Samuel Nascimento** 2024 29th Asia and South Pacific Design Automation Conference (ASP-DAC 2024) 2024 / p. 957-962 <https://doi.org/10.1109/ASP-DAC58780.2024.10473954>

Multi-port i-AFE converter for grid-interactive buildings: design requirements and efficiency evaluation

Carvalho, Edivan Laercio; Blinov, Andrei; Chub, Andrii; Galkin, Ilya; Vinnikov, Dmitri 2023 IEEE 8th Southern Power Electronics Conference and 17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 5 p <https://doi.org/10.1109/SPEC56436.2023.10408230>

Multi-purpose cyber environment for maritime sector

Visky, Gabor; Lavrenovs, Arturs; Orye, Erwin; **Heering, Dan**; Tam, Kimberly Proceedings of the 17th International Conference on Cyber Warfare and Security State University of New York at Albany Albany, New York, USA 17-18 March 2022 2022 / p. 349-257 <https://doi.org/10.34190/icws.17.1.26>

Multivariable optimal control of wireless power transfer systems with series-parallel compensation

Pakhaliuk, Bohdan; **Husev, Oleksandr**; Shevchenko, Viktor; Zakis, Janis; Stepins, Deniss 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2019 / 5 p <https://doi.org/10.1109/RTUCON48111.2019.8982314>