

About the essence of intelligence – will artificial intelligence (ever) cover human intelligence?

Jaakkola, Hannu; Thalheim, Bernhard; **Henno, Jaak** Information Modelling and Knowledge Bases XXXIII 2021 / p. 19-43

<https://doi.org/10.3233/FAIA210475> [Journal metrics at Scopus](#) [Article at Scopus](#)

Abstractive summarization of broadcast news stories for Estonian

Härm, Henry; Alumäe, Tanel Baltic journal of modern computing 2022 / p. 511-524 <https://doi.org/10.22364/bjmc.2022.10.3.23> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Accessibility and presentability in 2-categories

Di Liberti, Ivan; **Loregian, Fosco** Journal of pure and applied algebra 2023 / art. 107155, 25 p

<https://doi.org/10.1016/j.jpaa.2022.107155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accessibility and system reduction of nonlinear time-delay control systems

Bartosiewicz, Zbigniew; **Kaldmäe, Arvo**; Kawano, Yu; **Kotta, Ülle**; Pawluszewicz, Ewa; **Simha, Ashutosh**; Wyrwas, Malgorzata

IEEE Transactions on Automatic Control 2021 / p. 3781–3788 <https://doi.org/10.1109/TAC.2020.3028566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accurate prediction of international trade flows : leveraging knowledge graphs and their embeddings

Rincon-Yanez, Diego; **Ounoughi, Chahinez**; **Sellami, Bassem**; **Kalvet, Tarmo**; **Tiits, Marek**; Senatore, Sabrina; **Ben Yahia,**

Sadok Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p

<https://doi.org/10.1016/j.jksuci.2023.101789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Norta, Alexander; Rossar, Risto; Parve, Mart; Laas-Billson, Liina Intelligent Computing : proceedings of the 2019 Computing

Conference. Volume 1 2019 / p. 299-318 https://doi.org/10.1007/978-3-030-22871-2_22 [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

Deng, Zhe; Hubert, Arthur; **Ben Yahia, Sadok**; **Bahsi, Hayret** Proceedings of the 2024 IEEE International Conference on Cyber

Security and Resilience, CSR 2024 2024 / p. 146 - 151 <https://doi.org/10.1109/CSR61664.2024.10679343> [Article at Scopus](#) [Article at WOS](#)

Acu, Ana-Maria; Başcanbaz-Tunca, Gülen; Rasa, Ioan. Information potential for some probability density functions : [review]

Henno, Jaak Zentralblatt MATH 2021 / Zbl 1465.94032 <https://zbmath.org/?q=an:07329309>

Acyclicity conditions on pasting diagrams

Hadzihanovic, Amar; **Kessler, Diana-Maria** Applied categorical structures 2024 / art. 31 <https://doi.org/10.1007/s10485-024-09784-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adaptive controller for networked control systems subjected to random communication delays

Srinivasan, Seshadri; 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](#)

ADAssure : debugging methodology for autonomous driving control algorithms

Roberts, Andrew James; **Heidari Iman, Mohammad Reza**; **Bellone, Mauro**; **Ghasempouri, Tara**; **Raik, Jaan**; **Maennel, Olaf**

Manuel; Hamad, Mohammad; Steinhorst, Sebastian 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2024 / p. 1-6 <https://doi.org/10.23919/DATE58400.2024.10546519>

Additive cellular automata graded-monadically

Capobianco, Silvio; **Uustalu, Tarmo** PPDP '23 : proceedings of the 25th International Symposium on Principles and Practice of

Declarative Programming 2023 / art. 13, 9 p <https://doi.org/10.1145/3610612>

Adjoint functor theorems for lax-idempotent pseudomonads

Arkor, Nathanael; Di Liberti, Ivan; **Loregian, Fosco** Theory and Applications of Categories 2024 / p. 667-685

<http://www.tac.mta.ca/tac/volumes/41/20/41-20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Administration of the state information system of the Estonian eGovernment [Electronic resource]

Kalja, Ahto; Robal, Tarmo; Gailan, Triin PICMET '17 : Portland International Conference on Management of Engineering and Technology : Technology Management for the Interconnected World : proceedings 2017 / p. 1-7 : ill. [USB]
<https://doi.org/10.23919/PICMET.2017.8125312>

Adrian Venables: Hübridsõda – Eesti lahing nähtamatu vaenlasega

Venables, Adrian Nicholas Trialoog 2024 <https://trialoog.taltech.ee/hubriidsoda-est-est-lahing-nahtamatu-vaenlasega/> **Adrian Venables:**
[Hübridsõda – Eesti lahing nähtamatu vaenlasega](https://trialoog.taltech.ee/hubriidsoda-est-est-lahing-nahtamatu-vaenlasega/)

Adrian Venables: robotid vallutavad transpordisektorit. Küberturvalisus [Võrguväljaanne]

Venables, Adrian Nicholas Edasi.org : innustav ja hariv ajakiri 2021 "[Adrian Venables: robotid vallutavad transpordisektorit. Küberturvalisus](https://edasi.org/44704/adrian-venables-robotid-vallutavad-transpordisektorit-kuberturvalisus/)."

Adrian Venables: veebitsensuuri tõus ja selle mõju

Venables, Adrian Nicholas Edasi.org : innustav ja hariv ajakiri 2019 <https://edasi.org/44704/adrian-venables-veebitsensuuri-tous-ja-selle-moju/>

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

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

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

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

Advanced 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 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>

Advancing cybersecurity education through learning analytics = Küberkaitsealase hariduse parendamine õpianalüütika abil

Maennel, Kaie 2021 <https://doi.org/10.23658/taltech.29/2021> https://www.ester.ee/record=b5434228*est
<https://digikogu.taltech.ee/et/Item/d01c0b17-3b4b-41c5-ae24-e75b6128a183>

Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining

Djeddi, Warith Eddine; Hermi, Khalil; Ben Yahia, Sadok; Diallo, Gayo BMC Bioinformatics 2023 / art. 488, 41 p.: ill
<https://doi.org/10.1186/s12859-023-05593-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Agent-based computational experiments in two-sided matching markets = Agendipõhised arvutuslikud eksperimentid kahepoolsetel sobitusturgudel

Veski, Andre 2017 <https://digi.lib.ttu.ee/i/?7896> https://www.ester.ee/record=b4683657*est

Agile software engineering methodology for information systems' integration projects

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

Ago Luberg: kaovad töökohad, mida saab lihtsalt automatiseerida

Luberg, Ago menu.err.ee 2024 [Ago Luberg: kaovad töökohad, mida saab lihtsalt automatiseerida](https://menu.err.ee/ago-luberg-kaovad-toekohad-mida-saab-lihtsalt-automatiseerida/)

Ago Luberg: leian motivatsiooni õpetamisest endast!

Luberg, Ago Mente et Manu 2021 / lk. 14-19 : fot https://www.ester.ee/record=b1242496*est

Ago Luberg: on Eesti järgmine Tiigrihüpe

Luberg, Ago Trialoog 2025 <https://trialoog.taltech.ee/ago-luberg-ti-insenerid-on-est-est-jargmine-tiigrihupe/>

Ago Luberg: tehisaru annab hoogu neile, kes oskavad seda kasutada

Luberg, Ago err.ee 2025 <https://www.err.ee/1609673864/ago-luberg-tehisaru-annab-hoogu-neile-kes-oskavad-seda-kasutada>

Ahlswede, R. Ahlswede, A. (ed.); Althöfer, I. (ed.); Deppe, C. (ed.); Tamm, Ulrich (ed.). Identification and other probabilistic models. Rudolf Ahlswede's lectures on information theory 6. Edited by Alexander Ahlswede, Ingo Althöfer, Christian Deppe and Ulrich Tamm : [review]

Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A7349483>

AI buum : miks praegu ja mis ootab ees tervishoius?

Valla, Elli Mente et Manu 2023 / lk. 22-25 : fot https://www.ester.ee/record=b1242496*est

“AI muutub uueks kirjaoskuseks” TalTechi uus õppeprorektor Ingrid Pappel on kindel, et tehisintellekt peab jõudma kõikidesse õppekavadesse

Pappel, Ingrid digi.geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/ai-muutub-ueeks-kirjaoskuseks-taltech-i-uus-oppeprorektor-ingrid-pappel-on-kindel-et-tehisintellekt-peab-joudma-koikidesse-oppekavadesse/>

AI readiness assessment for Data-driven Public Service Projects : change management and human elements of procurement

Dreyling III, Richard Michael; Erlenheim, Regina; Tammet, Tanel; Pappel, Ingrid 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. 178–187 : ill <https://doi.org/10.54941/ahfe1003894>

AI recasts DiCaprio in 1969 Estonian classic

Liiv, Innar estonianworld.com 2025 <https://estonianworld.com/culture/ai-recasts-dicaprio-in-1969-estonian-classic/>

Aichinger, Florian. On the convergence rate of the fraction of simple algebras : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:1459.08001> <https://doi.org/10.1007/s00012-020-00684-4>

Airbus + Bombardier = CSeries

Luczkowski, Teodor Tehnikamaailm 2018 / lk. 66-67 : fot http://www.ester.ee/record=b1073050*est
https://artiklid.elnet.ee/record=b2831311*est

AI-revolutsioon tööturul : kuidas olla valmis?

geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/ai-revolutsioon-tooturul-kuidas-olla-valmis/>

AIS data analysis: reality in the Sea of Echoes

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

#Alväljakutse vallutab Eestit

Erlenheim, Regina Studioosus 2019 / lk. 12-13 : ill https://www.ester.ee/record=b1558644*est

Akhmetzyanova, L. R.; Alekseev, E. K.; Babueva, A. A.; Smyshlyaev, S. V. On the (im)possibility of secure ElGamal blind signatures : [review]

Henno, Jaak zbMATH Open 2023 / 1 p. <https://zbmath.org/1522.94096>

Alajaji, Fady; Chen, Po-Ning. An introduction to single-user information theory : [review]

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=06855952>

Algas noore IT-teadlase konkurss, kandideerida võib ka ise

Kald, Indrek ituudised.ee 2023 [Algas noore IT-teadlase konkurss, kandideerida võib ka ise](#)

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](#)

Algebraic necessary and sufficient condition for difference flatness

Kaldmäe, Arvo International Journal of Control 2021 / 8 p <https://doi.org/10.1080/00207179.2021.1908598> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Algorithm for finding zero factor free rules

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

An algorithm to transform discrete-time state equations into the extended observer form

Kaldmäe, Arvo; Kotta, Ülle Automatica 2024 / art. 111598 <https://doi.org/10.1016/j.automatica.2024.111598> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aligning Estonian and Japanese efforts in building norms in cyberspace

Osula, Anna-Maria So Far, Yet So Close : Japanese and Estonian cybersecurity : policy perspectives and cooperations : report 2021 / p. 22-29 https://icds.ee/wp-content/uploads/2021/05/ICDS_Report_So_Far_Yet_So_Close_Roigas_Jermalavicius_May_2021.pdf

An alignment-based implementation of a holistic ontology integration method

Osman, Ines; **Pileggi, Salvatore Flavio; Ben Yahia, Sadok**; Diallo, Gayo MethodsX 2021 / art. 101460, p. 1–29 <https://doi.org/10.1016/j.mex.2021.101460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Almeida, Jorge; Costa, Alfredo. Profinite topologie : [review]

Henno, Jaak zbMATH Open 2023 / 2 p <https://zbmath.org/07469515>

Almeida, Jorge; Klíma, Ondřej. Representations of relatively free profinite semigroups, irreducibility, and order primitivity : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an%3A1443.20085>

Ambient data-based online identification and location of frequency oscillations

Cai, Guowei; Xuan, Lei; Sun, Zhenglong; Chao, Jiang; **Belikov, Juri**; Levron, Yoash International Journal of Electrical Power and Energy Systems 2024 / art. 109843 <https://doi.org/10.1016/j.ijepes.2024.109843> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An enhanced lightweight authentication scheme for secure access to cloud data

Hammami, Hamza; Obaidat, Mohammad S.; **Ben Yahia, Sadok** Proceedings of the 17th International Joint Conference on e-Business and Telecommunications, ICETE 2020 - Volume 3: ICE-B, Lieusaint, Paris, France, July 8-10, 2020 2020 / p. 110-117 <https://doi.org/10.5220/0009824301100117>

Analysing adversarial threats to rule-based local-planning algorithms for autonomous driving

Roberts, Andrew James; Malayjerdi, Mohsen; Bellone, Mauro; Maennel, Olaf Manuel; Malayjerdi, Ehsan The Inaugural Symposium on Vehicle Security and Privacy (VehicleSec) 2023, 27 February 2023, San Diego, CA, USA 2023 / 8 p. : ill <https://doi.org/10.14722/vehiclesec.2023.23086>

Analysing the actual use of controller-pilot data link communications

Orye, Erwin; **Visky, Gabor; Maennel, Olaf Manuel** Engineering Proceedings 2022 / art. 18 <https://doi.org/10.3390/engproc2022028018>

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

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

Analysis of core aspects in migration towards the next generation network = Võtmeaspektide analüüs migreerimisel järgmise põlvkonna sidevõrgule

Pärand, Sven 2018 <https://digi.lib.ttu.ee/i/?9944> https://www.ester.ee/record=b5054955*est

Analysis of keyword spotting performance across IARPA Babel languages

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

Analysis of national cyber situational awareness practices

Bahsi, Hayretdin Strategic cyber defense : a multidisciplinary perspective 2017 / p. 31-41 <https://doi.org/10.3233/978-1-61499-771-9-31>

Analysis of the impact of poisoned data within Twitter classification models

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

Analysis of the impact of poisoned data within Twitter classification models

Price, Christopher; Piisalu, Jaan; Nõmm, Sven IFAC-PapersOnLine 2019 / p. 175-180 <https://doi.org/10.1016/j.ifacol.2019.12.170>

Analyzing Apache Storm as core for an event processing network model

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

Analyzing candidate speaking time in Estonian Parliament election debates

Talts, Siim; Alumäe, Tanel DHN 2020 : Digital Humanities in the Nordic Countries : proceedings of the Digital Humanities in the Nordic Countries 5th Conference : Riga, Latvia, October 21-23, 2020 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 the dynamics and stability of DQ0 systems based on a Port-Hamiltonian approach

Levron, Yoash; **Kaparin, Vadim; Belikov, Juri** 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 410-415 : ill <https://doi.org/10.1109/MED.2019.8798495>

Android malware concept drift using system calls : detection, characterization and challenges

Guerra Manzanares, Alejandro; Luckner, Marcin; **Bahsi, Hayret** Expert systems with applications 2022 / art. 117200, 19 p. : ill <https://doi.org/10.1016/j.eswa.2022.117200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anna-Maria Osula: küberruum pole enam ammu reeglitevaba Metsik Lääs [Võrguväljaanne]

Osula, Anna-Maria Edasi.org : innustav ja hariv ajakiri 2019 <https://edasi.org/45712/anna-maria-osula-kuberruum-pole-enam-ammu-reeglitevaba-metsik-laas/>

Anomalous File System Activity detection through Temporal Association rule mining

Reza, M.; Iman, H.; Chikul, Pavel; Jervan, Gert; Bahsi, Hayret Proceedings of the 9th International Conference on Information Systems Security and Privacy ICISPP. Vol. 1 2023 / p. 733-740 <https://doi.org/10.5220/0000168400003405>

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](#)

Anti-money laundering powered by graph machine learning: 'Show me your friends and I will tell you who you are'

Astrova, Irina Intelligent decision technologies 2023 / p. 243-261 <https://doi.org/10.3233/IDT-220193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applicability of spiral drawing test for mental fatigue modelling

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

An application of a low-cost microwave radar to traffic monitoring [Online resource]

Riid, Andri; Kaugerand, Jaanus; Ehala, Johannes; Jaanus, Martin; Preden, Jürjo-Sören BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600962>

Application of e-governance solutions in industry 4.0 : The case of e-invoicing

Pappel, Ingrid; Kosenkov, Oleksandr Abstracts of Papers Presented at the 18th European Conference on Digital Government ECDG 2018 : Hosted By University of Santiago de Compostela, Spain, 25 - 26 October 2018 2018 / p. 41-42 <https://www.academic-conferences.org/download/21774/>

Application of e-governance solutions in industry 4.0 : The case of e-invoicing

Pappel, Ingrid; Kosenkov, Oleksandr Proceedings of the 18th European Conference on Digital Government (ECDG2018) : University of Santiago de Compostela, Spain, 25-26 October 2018 2018 / p. 321–324 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059249500&partnerID=40&md5=1f13e4155021d0e173f1b81582022655>

Application of journey mapping and crime scripting to the phenomenon of trolling

Sömer, Tiia; Tiido, Anna; Sample, Char; Mitchener-Nissen, Timothy Proceedings of the 13th International Conference on Cyber Warfare and Security, ICCWS 2018 : National Defence University, Washington DC, USA, 6-9 March 2018 2018 / p. 465–473 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051737104&partnerID=40&md5=7bed8e3a8250f0083f8c7702e27c6839>
<https://www.proceedings.com/38822.html>

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

Belikov, Juri; Nosrati, Komeil; **Škiparev, Vjatšeslav; Tepļakov, 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 LSTM models for Baltic Sea wave spectra estimation

Simon, Martin; Rikka, Sander; Nõmm, Sven; Alari, Victor IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 2023 / p. 83-88 : ill <https://doi.org/10.1109/JSTARS.2022.3220882> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 game theory to design and operation of modern power systems: a comprehensive review

Navon, Aviad; Yosef, Gefen Ben; Machlev, Ram; Shapira, Shmuel; Chowdhury, Nilanjan Roy; **Belikov, Juri;** Orda, Ariel; Levron, Yoash Energies 2020 / art. 3982, 34 p <https://doi.org/10.3390/en13153982> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

An architecture for e-learning infrastructures on a national level : a case study of the Afghanistan Research and Education Network

Saay, Mohammad Salim; Norta, Alexander International journal of innovation and learning 2018 / p. 54-75 <https://doi.org/10.1504/IJIL.2018.088790> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Arkangel [1] : Investigation of children's tracking smartwatch ecosystem. Forensic value and privacy implications

Hovhannisyan, Kristine; Sorell, Matthew Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 60-62 https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

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](#)

Articulatory properties of Estonian palatalization by Russian L1 speakers

Malmi, Anton; **Lippus, Pärtel; Meister, Einar** Eesti ja soome-ugri keeleteaduse ajakiri = Journal of Estonian and Finno-Ugric linguistics 2022 / p. 79-118 : ill <https://doi.org/10.12697/jeful.2022.13.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence and education

Jaakkola, Hannu; **Henno, Jaak;** Lahti, J-P.; Järvinen, Raimo; Mäkeläinen, Jukka 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 548-555 <https://doi.org/10.23919/MIPRO48935.2020.9245329>

An artificial intelligence maturity model for the public sector : a design science approach

Dreyling III, Richard Michael; Lemmik, Juhani; Tammet, Tanel; Pappel, Ingrid TalTech journal of European studies 2024 / p. 217-239 <https://doi.org/10.2478/bjes-2024-0023> https://www.ester.ee/record=b5290032*est

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

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

Artificial intelligence within the military domain and cyber warfare

Hallaq, Bil; **Sömer, Tiia; Osula, Anna-Maria**; Ngo, Kim; Mitchener-Nissen, Timothy Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017 : hosted by University College Dublin, Ireland, 29-30 June 2017 / p. 153-156 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85028013021&origin=resultslist&zone=contextBox>

Artificial intelligence yesterday, today and tomorrow

Jaakkola, Hannu; **Henno, Jaak**; Mäkelä, Jukka; Thalheim, Bernhard 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20 – 24, 2019, Opatija, Croatia : proceedings 2019 / p. 860 - 867 : ill <https://doi.org/10.23919/MIPRO.2019.8756913>

Arvamusi akadeemikutelt : Jüri Engelbrecht, Leo Mõtus

Engelbrecht, Jüri; Mõtus, Leo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 30-31

Arvutiklassis peaks vältima olukordi, kus ainult poisid saavad särada. Intervjuu Birgy Lorenziga

Lorenz, Birgy muurileht.ee 2023 [Arvutiklassis peaks vältima olukordi, kus ainult poisid saavad särada. Intervjuu Birgy Lorenziga](#)

Aspect-oriented model-based testing = Aspekt-orienteeritud mudeli-põhine testimine

Sarna, Külli 2018 <https://digi.lib.ttu.ee/i/?11065> https://www.ester.ee/record=b5166882*est

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](#)

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

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

Assessing interaction mechanics in extended reality for control engineering applications

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

Assessing technophobia and technophilia : development and validation of a questionnaire

Martinez-Corcoles, Mario; Teichmann, Mare; Murdvee, Mart Technology in society 2017 / p. 183-188 : tab <https://doi.org/10.1016/j.techsoc.2017.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of aviation security risk management for airline turnaround processes

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

Assessment of 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](#)

Assistendi tasemel on tehisaru hea, aga spetsialistil ta veel leiba laualt ei võta

Sakala 2025 / lk. 8 <https://dea.digar.ee/article/sakala/2025/03/06/8.1>

At the crossroads of product complexity, market demand, and machine learning

Kalvet, Tarmo; Tiits, Marek; Ounoughi, Chahinez; Ben Sassi, Imen; Ben Yahia, Sadok Management & marketing 2024

Attribute evaluation on attack trees with incomplete information

Buldas, Ahto; Gadyatskaya, Olga; Lenin, Aleksandr; Mauw, Sjouke; Trujillo-Rasua, Roland Computers & Security 2020 / art. 101630, 17 p. : ill <https://doi.org/10.1016/j.cose.2019.101630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Attribute evaluation on attack trees with incomplete information : a preprint

Buldas, Ahto; Gadyatskaya, Olga; Lenin, Aleksandr; Mauw, Sjouke; Trujillo-Rasua, Roland arXiv.org 2019 / 21 p. : ill <http://arxiv.org/abs/1812.10754>

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>

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](#)

Automaatse segmenteerimise täpsuse hindamine

Meister, Einar; Meister, Lya 16. rakenduslingvistika kevadkonverents Keel kui Ökosüsteem : 20.-21. aprill 2017, Tallinn : teesid = EAAL 16th Annual Conference Language as an Ecosystem : April 20-21, 2017, Tallinn, Estonia : abstracts 2017 / lk. 45-46 <https://www.rakenduslingvistika.ee/wp-content/uploads/2016/04/Teesid-2017-3.pdf>

Automata and coalgebras in categories of Species

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

Automated photo categorization for digital forensic analysis using a machine learning-based classifier

Castillon Del Mar, Joanna Rose Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 82-84 https://www.ester.ee/record=b5238490*est

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

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

Automatic closed captioning for Estonian live broadcasts

Alumäe, Tanel; Kalda, Joonas; Bode, Külliki; Kaitsa, Martin Proceedings of the 24th Nordic Conference on Computational Linguistics (NoDaLiDa) 2023 / p. 492–499 <https://aclanthology.org/2023.nodalida-1.49> <https://aclanthology.org/2023.nodalida-1.49.pdf>

Automating defences against cyber operations in computer networks = Arvutivõrkude kaitse automatiseerimine küberoperatsioonide vastu

Pihelgas, Mauno 2021 <https://doi.org/10.23658/taltech.36/2021> https://www.ester.ee/record=b5449710*est <https://digikogu.taltech.ee/et/Item/beb3e841-9c6e-4496-a73a-17148bc941ef>

Automating detection of occurrences of postgresQL database design problems

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

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

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

Autonomous cyber defence capabilities

Tammet, Tanel Autonomous cyber capabilities under international law 2021 / p. 36-50 https://www.ester.ee/record=b5395402*est

Autonomous last mile shuttle ISEAUTO for education and research

Sell, Raivo; Leier, Mairo; Rassõlkin, Anton; Ernits, Juhan-Peep International journal of artificial intelligence and machine learning 2020 / p. 18–30 <https://doi.org/10.4018/IJAIML.2020010102>

Autonoomsete intelligentsete tehnoloogiate kasutamise seotud küsimuste reguleerimiseks vajalike õigusloome probleemide tuvastamine ja lahendusettepanekute tegemine : II etapi aruanne

Kerikmäe, Tanel; Nyman-Metcalf, Katrin Merike; Tehver, Jaanus; Hoffmann, Thomas; Taveter, Kuldar; Liiv, Innar; Pärn-Lee, Evelin; Salumaa-Lepik, Kärt vt. ka Salumaa, Kärt; **Antonov, Alexander;** Rozeik, Helena 2019

Avalik kiri nutiseadmekasutuse reguleerimiseks koolis

Postimees 2024 / Lk. 14-15 <https://dea.digar.ee/article/postimees/2024/09/27/12.2>

Baltic DB&IS 2020 Conference Forum and Doctoral Consortium co-located with the 14th International Baltic Conference on Databases and Information Systems (BalticDB&IS 2020) Tallinn, Estonia, June 16-19, 2020 : proceedings

2020 <http://ceur-ws.org/Vol-2620/xpreface.pdf> <http://ceur-ws.org/Vol-2620/>

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>

Bbuzz : a Bit-aware fuzzing framework for network protocol systematic reverse engineering and analysis
Blumbergs, Bernhards; **Vaarandi, Risto** MILCOM 2017 - 2017 IEEE Military Communications Conference : Baltimore, Maryland, USA, 23-25 October 2017 2017 / p. 707-712 <https://doi.org/10.1109/MILCOM.2017.8170785> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Behavioural compass : animal behaviour recognition using magnetometers
Chakravarty, Pritish; **Maalberg, Maiki**; Cozzi, Gabriele; Ozgul, Arpat; Aminian, Kamiar Movement Ecology 2019 / Art. nr. 28 <https://doi.org/10.1186/s40462-019-0172-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beimel, A.; Haitner, I.; Makriyannis, N.; Omri, E. Tighter bounds on multiparty coin flipping via augmented weak martingales and differentially private sampling : [review]
Henno, Jaak zbMATH Open 2022 / 1 p <https://doi.org/10.1137/18M1210782>

Benmahmoud, Slimane. Some theoretical results on fractional-order continuous information measures : [review]
Henno, Jaak Zentralblatt MATH 2024 / 1p. <https://zbmath.org/1540.94044>

Ben-Naim, Arieh. Information theory. Part I : An introduction to the fundamental concepts : [review]
Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=1392.94001>

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](#)

Besicovitch pseudodistances with respect to non-følner sequences
Capobianco, Silvio; Guillon, Pierre Complex Systems 2021 / p. 133 - 158 <https://doi.org/10.25088/COMPLEXSYSTEMS.30.2.133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Besicovitch pseudodistances with respect to non-Følner sequences
Capobianco, Silvio; Guillon, Pierre; Nous, Camille HAL archives 2020 / hal-02566187, 15 p <https://hal.archives-ouvertes.fr/hal-02566187>

Beullens, Ward; Dobson, Samuel; Katsumata, Shuichi; Lai, Yi-Fu; Pintore, Federico. Group signatures and more from isogenies and lattices: generic, simple, and efficient : [review]
Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1530.94050>

Bialgebraic foundations for the operational semantics of string diagrams
Bonchi, Filippo; Piedeleu, Robin; **Sobocinski, Pawel Maria**; Zanasi, Fabio Information and computation 2021 / art. 104767, 22 p <https://doi.org/10.1016/j.ic.2021.104767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bicategories in univalent foundations
Ahrens, Benedikt; Frumin, Dan; Maggesi, Marco; **Veltri, Niccolo**; Weide, Niels van der arXiv.org 2020 / 32 p <https://doi.org/10.4230/LIPIcs.FSCD.2019.5>

Bicategories in univalent foundations
Ahrens, Benedikt; Frumin, Dan; Maggesi, Marco; **Veltri, Niccolò**; Weide, Niels van der Mathematical Structures in Computer Science 2022 <https://doi.org/10.1017/S0960129522000032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Bidirectional data-flow analyses compared to relational through Galois connections
McDermott, Dylan; Morita, Yasuaki; **Uustalu, Tarmo** NWPT 2023 - 34th Nordic Workshop on Programming Theory : Wed 22 - Thu 23 November 2023 Västerås 2023 <https://mdu.drive.sunet.se/index.php/s/pGqDeMWakx4dtmX>

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](#)

Birgy Lorenz: tüdrukute osalus koolide IT-tegevustes seisab mõraneval jääl [Võrguväljaanne]
Lorenz, Birgy err.ee 2021 "[Birgy Lorenz: tüdrukute osalus koolide IT-tegevustes seisab mõraneval jääl](#)"

Biswas, Surajit; Patra, Sourav Kanti. Large sets near idempotent and its product. *Semigroup Forum* 106, 368-393 (2023) : [review]

Henno, Jaak zbMATH Open 2023 / 2 p <https://zbmath.org/pdf/07681455.pdf>

BLAIC 2022: 1st workshop 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](#)

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: 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](#)

Blockchains from an e-governance perspective: Potential and challenges - keynote at EGOSE 2020 : (Abstract of Keynote)

Draheim, Dirk Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. xi–xiii <https://link.springer.com/book/10.1007%2F978-3-030-67238-6>

The Blot

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

BLT+L : efficient signatures from timestamping and endorsements

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

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/LIPLCS.MFCS.2021.86> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Bridging the gap in technology transfer for advanced process control with industrial applications

Vansovits, Vitali; Petlenkov, Eduard; Tepļakov, Aleksej; Vassiljeva, Kristina; Belikov, Juri Sensors 2022 / art. 4149 <https://doi.org/10.3390/s22114149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A brief tutorial overview of disturbance observers for nonlinear systems : application to flatness-based control

Kaldmäe, Arvo; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2020 / p. 57-73 : ill <https://doi.org/10.3176/proc.2020.1.07> http://www.kirj.ee/33035/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Brier, Éric; Ferradi, Houda; Joye, Marc; Naccache, David. New number-theoretic cryptographic primitives : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zbm-math.org/?q=an:07342049>

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

Liutkevicius, Merlin; 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](#)

Brookes, Matthew D. G. K. Congruences on the partial automorphism monoid of a free group action : [review]
Henno, Jaak zbMATH Open 2022 / 1 p <https://zbmath.org/1485.20139>

Bruckstein, A. M.; Ezerman, M. F.; Fahreza, A. A.; Ling, S. Patch-based holographic image sensing : [review]
Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A1437.62698>

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 global societies on collective intelligence : challenges and opportunities

Suran, Shweta; Pattanaik, Vishwajeet; Kurvers, Ralf; Hallin, Carina Antonia; De Liddo, Anna; Krimmer, Robert Johannes;
Draheim, Dirk Digital government : research and practice 2022 / art. 31, p. 1-6 <https://doi.org/10.1145/3568169> [Journal metrics at Scopus](#) [Article at Scopus](#)

Building smart living environments for ageing societies : decision support for cross-border e-services between Estonia and Finland

Weck, Marina; **Jackson, Eric Blake;** Sihvonen, Markus; **Pappel, Ingrid** Technology in society 2022 / art. 102066, 13 p.
<https://doi.org/10.1016/j.techsoc.2022.102066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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](#)

Calling paradigms and the box calculus

Santo, Jose Espirito; Pinto, Luis; **Uustalu, Tarmo** EUTYPES-TYPES 2020 : Abstracts 2020 / 2 p
<https://types2020.di.unito.it/abstracts/BookOfAbstractsTYPES2020.pdf>

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

Nymm, Voldemar; Piotrowska, Xenia; **Nõmm, 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](#)

Can we make teaching great again?

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

Cannabinoids (Δ^9 -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, Jelena; Bolvadze, Vyacheslav; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155
https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCka+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

A canonical algebra of open transition systems

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

Canonical gradings of monads

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

Capability detection and evaluation metrics for cyber security lab exercises

Caliskan, Emin; Tatar, Unal; **Bahsi, Hayret**; **Ottis, Rain**; **Vaarandi, Risto** Proceedings of the 12th International Conference on Cyber Warfare and Security, ICCWS 2017 2017 / p. 407-414 : ill <https://www.scopus.com/record/display.uri?eid=2-s2.0-85018944652&origin=inward&txGid=dad813d957372581ca0932bf6e4fb5d8>

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

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

Career development in cyber security: Bootcamp training programs

Caliskan, Emin; **Vaarandi, Risto** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICCWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 503-511 <https://doi.org/10.34190/ICCWS.20.080>

A case for modern build automation for intelligent systems

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

A case study about the use and evaluation of cyber deceptive methods against highly targeted attacks

Farar, Alexandria Elaine; **Bahsi, Hayret**; Blumbergs, Bernhards 2017 International Conference On Cyber Incident Response, Coordination, Containment and Control, Cyber Incident 2017 : London, United Kingdom, 19 June 2017 through 20 June 2017 2017 / [7] p. : ill <https://doi.org/10.1109/CYBERINCIDENT.2017.8054640>

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

CEDEX : a certified blockchain based diamond exchange : transforming diamonds into a new asset class : white paper [Online resource]

Norta, Alexander; Levi, Saar; Prier, Ronen; Kif, Evgeni 2017 <https://cedex.com/img/Whitepaper.pdf>

Celakoska-Jordanova, Vesna; Celakoska, Emilija; Miovska, Valentina. Free power-semicommutative ternary groupoids : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1436.08008>

Certified Foata normalization for generalized traces

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

Certified normalization of generalized traces

Maarand, Hendrik; **Uustalu, Tarmo** Innovations in Systems and Software Engineering 2019 / p. 253–265 <https://doi.org/10.1007/s11334-019-00347-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Challenges and perspectives in control of ionic polymer-metal composite (IPMC) actuators : a survey

Aabloo, Alvo; Belikov, Juri; Kaparin, Vadim; Kotta, Ülle IEEE Access 2021 / art. 9133056, p. 121059-121073
<https://doi.org/10.1109/ACCESS.2020.3007020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 applying e-learning in the libyan higher education system

Ghawail, Entisar Alhadi Al; Ben Yahia, Sadok; Alrshah, Mohamed A. International journal of advanced trends in computer science and engineering 2019 / p. 38-43 : ill <https://doi.org/10.30534/ijtcse/2019/0681.42019> [Journal metrics at Scopus](#) [Article at Scopus](#)

Challenges of generative AI chatbots in public services - an integrative review

Dreyling III, Richard Michael; Koppel, Tarmo; Tammet, Tanel; Pappel, Ingrid SSRN 2024 / 11 p
<http://dx.doi.org/10.2139/ssrn.4850714>

Challenges of transition to paperless management: readiness of incorporating AI in decision-making processes

Gelashvili, Teona; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 / p. 41-46 <https://doi.org/10.1109/ICEDEG52154.2021.9530905>

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>

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](#)

Characterizing atmospheric humidity in Eastern Europe during the last two decades by using GNSS-derived integrated water vapour

Post, Piia; Rannat, Kalev; Keernik, Hannes [EUREF2019 abstracts] 2019 / p. [47] <http://www.maaamet.ee/euref2019/EUREF2019-Abstracts.pdf>

Chervyakov, N.I., Kolyada, A.A., Lyakhov, P.A., Babenko, M.G., Lavrinenko, I.N., Lavrinenko, A.V. Modular arithmetic and its applications in info-communication technologies : [review]

Henno, Jaak Zentralblatt MATH 2017 / [1] p <https://zbmath.org/?q=06821021>

Chia, N-H.; Chung, K-M.; Yamakawa, T. A black-box approach to post-quantum zero-knowledge in constant rounds : [review]

Henno, Jaak zbMATH Open 2022 / 1 p <https://zbmath.org/1486.94089>

Chloride, bromide, and TFA determination in the mixture of ionic liquids by CE-C4D

Gorbatšova, Jelena; Kuhtinskaja, Maria; Halling, Evelin; Mazina-Šinkar, Jekaterina V4 Symposium FLOW ANALYSIS & CAPILLARY ELECTROPHORESIS, Krakow, June 28 – July 1, 2021 : abstracts 2021 / 1 p

Ciberseguridad y ciberdiplomacia de la UE

Kasper, Agnes; Osula, Anna-Maria; Molnar, Anna IDP Revista de Internet Derecho y Política 2021 / p. 1-15
<https://doi.org/10.7238/idp.v0i34.387469> [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Citko, B.; Gračanin-Yuksek, M. Merge. Binariness in (multidominant) syntax. Linguistic Inquiry Monographs : [review]

Henno, Jaak zbMATH Open 2022 / 1 p <https://zbmath.org/1501.91002>

Civil defence and cyber security: A contemporary European perspective

Tikk, Eneken National cyber emergencies: the return to civil defence 2020 / p. 76-92 <https://doi.org/10.4324/9780429343438>

Climate change is rapidly deteriorating the climatic signal in Svalbard glaciers

Spolaor, Andrea; Scoto, Federico; Larose, Catherine; Barbaro, Elena; Burgay, Francois; Bjorkman, Mats P.; Cappelletti, David; Dallo, Federico; de Blasi, Fabrizio; Divine, Dmitry V.; Dreossi, Giuliano; Gabrieli, Jacopo; Isaksson, Elisabeth; Kohler, Jack; **Martma, Tõnu**; Schmidt, Louise S.; Schuler, Thomas V.; Stenni, Barbara; Turetta, Clara; Luks, Bartłomiej; Casado, Mathieu; Gallet, Jean-Charles The cryosphere 2024 / p. 307–320 : ill <https://doi.org/10.5194/tc-18-307-2024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cloud computing: serverless

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

Cluster-based association rule mining for an intersection accident dataset

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

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, ACIDS 2021, Phuket, Thailand, April 7–10, 2021 : proceedings 2021 / p. 3-13 https://doi.org/10.1007/978-981-16-1685-3_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Codensity lifting of monads and its dual

Katsumata, Shin-ya; Sato, Tetsuya; **Uustalu, Tarmo** Logical methods in computer science 2018 / p. 1-31 [https://doi.org/10.23638/LMCS-14\(4:6\)2018](https://doi.org/10.23638/LMCS-14(4:6)2018) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

(Co)end Calculus

Loregian, Fosco 2021 <https://doi.org/10.1017/9781108778657>

Coends of higher arity

Loregian, Fosco; de Oliveira Santos, Theo Applied categorical structures 2022 / p. 173-221 <https://doi.org/10.1007/s10485-021-09653-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coherence via focusing for symmetric skew monoidal and symmetric skew closed categories

Veltri, Niccolo Journal of logic and computation 2024 / art. exae059, 26 p <https://doi.org/10.1093/logcom/exae059>

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](#)

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

Ševtšenko, Eduard; Polyantchikov, Igor; **Mahmood, Kashif**; **Kangilaski, Taivo**; **Norta, Alexander**; **Karaulova, Tatjana**; Perm, Ardo Proceedings of the 18th Online World Conference on Soft Computing in Industrial Applications (WSC18) 2018 / p. 215-233 : ill https://doi.org/10.1007/978-3-030-00612-9_19 <https://link.springer.com/content/pdf/bfm%3A978-3-030-00612-9%2F1.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Collages of string diagrams

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

Collages of string diagrams

Braithwaite, Dylan; **Roman Garcia, Mario** arXiv.org 2023 / p. 39-53 : ill <https://doi.org/10.48550/arXiv.2305.02675>

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>

Collective intelligence systems from an organizational perspective

Draheim, Dirk iiWAS2019 : The 21st International Conference on Information Integration and Web-based Applications & Services : proceedings 2019 / p. 3-4 : ill <https://doi.org/10.1145/3366030.3368457>

Combination of pedagogical strategies and teaching techniques for teaching computer science basics to novices = Pedagoogika strateegiate ja õpetamise tehnikate kombinatsioon informaatika algkursuse õpetamisel algajatele
Mironova, Olga 2017 <https://digi.lib.ttu.ee/ii/78745> https://www.ester.ee/record=b4696923*est

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

Combining algebraic effect descriptions using the tensor of complete lattices
Voorneveld, Niels Electronic notes in theoretical computer science 2020 / p. 257-281 <https://doi.org/10.1016/j.entcs.2020.09.013>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Combining hybrid and end-to-end approaches for the OpenASR20 challenge
Alumäe, Tanel; Kong, Jiaming Interspeech 2021 : Brno, Czechia, 30 August - 3 September 2021 : Proceedings of the 22nd Annual Conference of the International Speech Communication Association, Brno 30 August 2021 through 3 September 2021 2021 / p. 1585-1589 <https://doi.org/10.21437/Interspeech.2021-1086>

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

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

Comments on 'A new kind of nonlinear disturbance observer for nonlinear systems with applications to cruise control of air-breathing hypersonic vehicles'
Kaldmäe, Arvo; Kotta, Ülle International journal of control 2020 / p. 1725 <https://doi.org/10.1080/00207179.2018.1529436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comments on "PBH tests for nonlinear systems"
Sarafrazi, Mohammad Amin; Bartosiewicz, Zbigniew; Kotta, Ülle Automatica 2020 / art. 108617
<https://doi.org/10.1016/j.automatica.2019.108617> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comments on "When retarded nonlinear time-delay systems admit an input–output representation of neutral type"
[Automatica 49 (2013) 561–567]
Kaldmäe, Arvo Automatica 2023 / art. 110797, 2 p <https://doi.org/10.1016/j.automatica.2022.110797> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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](#)

Compact empirical model for droplet generation in a Lab-on-Chip cytometry system
Pärnamets, Kaiser; Udal, Andres; Koel, Ants; Pardy, Tamas; Gyimah, Nafisat; Rang, Toomas IEEE Access 2022 / p. 127708-127717 <https://doi.org/10.1109/ACCESS.2022.3226623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative Analysis of Clinical Terminology Servers : A Quest for an Improved Solution
Ivanova, Marina; Bossenko, Igor; Piho, Gunnar; Ross, Peeter Digital Economy. Emerging Technologies and Business Innovation. ICDEc 2024 : proceedings 2024 / p. 107–118 https://doi.org/10.1007/978-3-031-76368-7_8

Comparative analysis of machine learning techniques for non-intrusive load monitoring
Shabbir, Noman; Vassiljeva, Kristina; Hokmabad, Hossein Nouroollahi; Husev, Oleksandr; Petlenkov, Eduard; Belikov, Juri Electronics 2024 / art. 1420 <https://doi.org/10.3390/electronics13081420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of pattern mining algorithms for event logs
Gasimov, Orkhan; Vaarandi, Risto; Pihelgas, Mauno 2023 IEEE International Conference on Cyber Security and Resilience (CSR) : Venice, Italy, 2023 2023 / 7 p <https://doi.org/10.1109/CSR57506.2023.10224996>

A comparative framework for cyber threat modelling : case of healthcare and industrial control systems

Balogun, Taofeek Mobolarinwa; **Bahsi, Hayretdin**; Keskin, Omer F.; Tatar, Unal International Journal of Critical Infrastructures 2021 / 1 p <https://doi.org/10.1504/IJCIS.2024.10046187>

A comparative framework for cyber threat modelling: case of healthcare and industrial control systems

Balogun, Taofeek Mobolarinwa; **Bahsi, Hayretdin**; Keskin, Omer F.; Tatar, Unal International Journal of Critical Infrastructures 2023 / p. 405-431 <https://doi.org/10.1504/IJCIS.2023.133282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparative study of approaches of ontology driven software development

Haav, Hele-Mai Informatica 2018 / p. 439-466 : ill <https://doi.org/10.15388/Informatica.2018.175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Comparing modern build automation tools for an insurance company

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

Comparing security levels of postal and Internet voting

Vakarjuk, Jelizaveta; **Snetkov, Nikita; Willemson, Jan** Information Security Journal 2024 <https://doi.org/10.1080/19393555.2024.2410332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of DBaaS Architectures

Astrova, Irina; Koschel, Arne; Eickemeyer, Chris; Offel, Norman 2018 9th International Conference on Information, Intelligence, Systems and Applications (IISA 2018) : Zakynthos, Greece, 23-25 July 2018 2018 / p. 1-5 : ill <https://doi.org/10.1109/IISA.2018.8633590>

Comparison of matrix reordering algorithms based on monotone systems

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

Comparison of one- two- and three-dimensional CNN models for drawing-test-based diagnostics of the Parkinson's disease

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; **Nömm, Sven; Valla, Elli**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro; Ruzhansky, Michael Biomedical signal processing and control 2024 / art. 105436, 8 p <https://doi.org/10.1016/j.bspc.2023.105436>

Comparison of single-rate and two-rate neural control approaches for coaxial rotor/ducted-fan UAV for situational awareness applications

Pedai, Andrus; Astrov, Igor; Udal, Andres 2018 IEEE 16th International Symposium on Intelligent Systems and Informatics (SISY), 13-15 Sept. 2018 : proceedings 2018 / p. 63-68 : ill <http://dx.doi.org/10.1109/SISY.2018.8524720>

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

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

Competencies required for the offensive cyber operations planners

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

Completeness for categories of generalized automata

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

A compositional approach to signal flow graphs

Sobocinski, Pawel Maria 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 2 <https://doi.org/10.23658/taltech.nwpt/2019>

Compositional diagrammatic first-order logic

Haydon, Nathan Joseph; Sobocinski, Pawel Maria Diagrammatic representation and inference : 11th International Conference,

Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 402-418 https://doi.org/10.1007/978-3-030-54249-8_32
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Compositional modelling of network games

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

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

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

A comprehensive instrument for identifying critical information infrastructure services

Herrera, Luis-Carlos; **Maennel, Olaf Manuel** International Journal of Critical Infrastructure Protection 2019 / p. 50-61 : ill
<https://doi.org/10.1016/j.ijcip.2019.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive survey on digital twin for future networks and emerging Internet of Things industry

Hakiri, Akram; Gokhale, Aniruddha; **Ben Yahia, Sadok;** Mellouli, Nedra Computer Networks 2024 / art. 110350
<https://doi.org/10.1016/j.comnet.2024.110350> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computation of nonlinear eigenvalues based on the Ore determinant : preliminary results

Halás, Miroslav; **Kaldmäe, Arvo;** Kotta, Ülle; Slacka, Juraj Proceedings of the Estonian Academy of Sciences 2024 / p. 366 - 378
<https://doi.org/10.3176/proc.2024.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computational aspects of rewriting in higher-dimensional diagrams = Kõrgemamõõtmeliste diagrammide ümberkirjutamise arvutuslikud aspektid

Kessler, Diana-Maria 2025 https://www.estee.ee/record=b5753859*est <https://digikogu.taltech.ee/et/Item/792ff142-321f-470c-b840-76489d4f9270> <https://doi.org/10.23658/taltech.47/2025>

Computer aided corporate sense-making and prioritization for SDGs

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

Computers in education

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

Computing data lineage and business semantics for data warehouse

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

COMSPECT : a compact model for green vegetation reflectance spectra in the 400–900 nm wavelength range

Udal, Andres; Jürise, Martin; **Kaugerand, Jaanus;** Sell, Raivo Proceedings of the Estonian Academy of Sciences 2020 / p. 277-286 : ill <https://doi.org/10.3176/proc.2020.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Concept drift and cross-device behavior : challenges and implications for effective android malware detection

Guerra Manzanares, Alejandro; Luckner, Marcin; Bahsi, Hayretdin Computers & Security 2022 / art. 102757, 20 p. : ill
<https://doi.org/10.1016/j.cose.2022.102757> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Conceptual framework for effective appropriation of proactive public e-services

Sirendi, Regina; Mendoza, Antonette; **Barrier, Mariane;** Taveter, Kuldar; Sterling, Leon Proceedings of the 18th European Conference on Digital Government (ECDG2018) : University of Santiago de Compostela, Spain, 25-26 October 2018 2018 / p. 213-221 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059288603&partnerID=40&md5=d9349feb052a06c13e3cda8b0f9657b>

A Conceptual framework for effective appropriation of proactive public e-services

Sirendi, Regina; Mendoza, Antonette; **Barrier, Mariane;** Taveter, Kuldar; Sterling, Leon Abstracts of Papers Presented at the 18th European Conference on DigitalGovernment ECDG 2018 : Hosted By University of Santiago de Compostela, Spain, 25 - 26 October 2018 2018 / p. 23-24 <https://www.academic-conferences.org/download/21774/>

Concise description of telecom service use through concept chains

Torim, Ants; **Ben Yahia, Sadok;** Raun, Kristo MEDES '19 : a Digital Ecosystem for Personal Manufacturing : an Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 181–186 : ill
<https://doi.org/10.1145/3297662.3365790>

Concurrent monads for shared state

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

Concurrent process histories and resource transducers

Nester, Chad Mitchell Logical methods in computer science 2023 / p. 7:1-7:22 : ill [https://doi.org/10.46298/LMCS-19\(1:7\)2023](https://doi.org/10.46298/LMCS-19(1:7)2023) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Confidences for commonsense reasoning.

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

Conflict in cyberspace

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

Conformity analysis of e-learning systems at largest universities in Estonia and Turkey on the basis of EES model = Eesti ja Türgi suuremate ülikoolide e-õppe süsteemide võrdlev analüüs EES-mudeli baasil

Güllü, Fatih 2017 <https://digi.lib.ttu.ee/i/?8210> https://www.ester.ee/record=b4685404*est

Consequences of the modal unification of the functional calling paradigms

Espírito Santo, José; McDermott, Dylan; Pinto, Luís; Uustalu, Tarmo 29th International Conference on Types for Proofs and Programs, TYPES 2023 : Valencia, Spain, 12-15 June 2023, Abstracts 2023 / p. 33-35 <https://types2023.webs.upv.es/TYPES2023.pdf>

Consolidation of crowd-sourced geo-tagged data for parameterized travel recommendations = Kasutajatelt kogutud andmete integreerimine parametriseeritud reisisoovituste loomiseks

Luberg, Ago 2021 <https://doi.org/10.23658/taltech.23/2021> <https://digikogu.taltech.ee/et/Item/f5415d5d-63b8-4726-9dea-939c399058c0> https://www.ester.ee/record=b5428765*est

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>

Constructing higher inductive types as groupoid quotients

Veltri, Niccolò; Weide, Niels van der Logical methods in computer science 2021 / p. 8:1–8:42 [https://doi.org/10.23638/LMCS-17\(2:8\)2021](https://doi.org/10.23638/LMCS-17(2:8)2021) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Construction of nonlinear feedback strategies for energy storage systems : a stochastic dynamic programming approach

Chowdhury, Nilanjan Roy; Baimel, Dmitry; Belikov, Juri; Levron, Yoash 2021 IEEE Madrid PowerTech 2021 / 6 l <https://doi.org/10.1109/PowerTech46648.2021.9494819>

Constructive final semantics of finite bags

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

Container combinatorics : monads and lax monoidal functors

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

Contextual equivalence for signal flow graphs

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

Control Multirrádio de Drones Multirrotor Autónomos: Modelización y Simulación

Astrov, Igor 2023 [Control Multirrádio de Drones Multirrotor Autónomos: Modelización y Simulación](#)

Control of energy storage devices under uncertainty using nonlinear feedback systems

Levron, Yoash; Belikov, Juri 2020 IEEE Power & Energy Society General Meeting : (PESGM 2020) Montreal, Quebec, Canada, 2-6 August 2020 : proceedings 2020 / p. 95-99 <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9281879>

Contrôle Multirate des Drones Multirotors Autonomes: Modélisation et Simulation
Astrov, Igor 2023 [Contrôle Multirate des Drones Multirotors Autonomes: Modélisation et Simulation](#)

Controllo multirate di droni multirotori autonomi : modellazione e simulazione
Astrov, Igor 2023 [Controllo Multirate di Droni Multirotori Autonomi: Modellazione e Simulazione](#)

Controlo Multirato de Drones Multirotor Autónomos: Modelação e Simulação
Astrov, Igor 2023 [Controlo Multirato de Drones Multirotor Autónomos: Modelação e Simulação](#)

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, Vjatseslav; Belikov, Juri 2022 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) : proceedings 2022 / p. 1-5 : ill <https://doi.org/10.1109/ISGT-Europe54678.2022.9960311>

Coping with reverberant acoustics in singing by extending the plosive closures in vowel-plosive-vowel sequences
Vurma, Allan; Meister, Einar; Meister, Lya; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri 5th International Symposium on Applied Phonetics (ISAPh 2024), 30 September - 2 October 2024, Tartu, Estonia 2024 / p. 115-120 : ill <https://doi.org/10.21437/ISAPh.2024-22>

Cornering optics
Boisseau, Guillaume; Nester, Chad Mitchell; Roman Garcia, Mario Proceedings Fifth International Conference on Applied Category Theory (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 97-110 : ill <https://doi.org/10.4204/EPTCS.380.6> <https://cgi.cse.unsw.edu.au/~eptcs/paper.cgi?ACT2022.6.pdf> Conference proceedings at Scopus Article at Scopus Article at WOS

Cornering optics : preprint
Boisseau, Guillaume; Nester, Chad Mitchell; Roman Garcia, Mario arXiv.org 2022 <https://doi.org/10.48550/arXiv.2205.00842>

Correction to: Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining (BMC Bioinformatics, (2023), 24, 1, (488), 10.1186/s12859-023-05593-6)
Djeddi, Warith Eddine; Hermi, Khalil; Ben Yahia, Sadok; Diallo, Gayo BMC Bioinformatics 2024 / art. 289 <https://doi.org/10.1186/s12859-024-05905-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Correction to: Implementation and evaluation of the DAOM framework and support tool for designing blockchain decentralized applications (International Journal of Information Technology, (2021), 13, 6, (2245-2263), 10.1007/s41870-021-00816-6)
Udokwu, Chibuzor; Brandtner, Patrick; Norta, Alexander; Kormiltsõn, Aleksandr; Matulevičius, Raimundas International Journal of Information Technology (Singapore) 2022 <https://doi.org/10.1007/s41870-022-01026-4> Journal metrics at Scopus Article at Scopus

Corrections to “A novel computational approach for global alignment for multiple biological networks”
Ben Yahia, Sadok; Djeddi, Warith Eddine; Nguifo, Engelbert Mephu IEEE/ACM transactions on computational biology and bioinformatics 2019 / p. 700 <https://doi.org/10.1109/TCBB.2019.2895762>

Corrigendum to Concept drift and cross-device behavior: Challenges and implications for effective android malware detection Computers & Security, Volume 120, 102757 (Computers & Security (2022) 120, (S0167404822001523), (10.1016/j.cose.2022.102757))
Guerra-Manzanares, Alejandro; Luckner, Marcin; Bahsi, Hayretin Computers and Security 2023 / art. 102998 <https://doi.org/10.1016/j.cose.2022.102998> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The cost-competitiveness of concentrated solar power with thermal energy storage in power systems with high solar penetration levels
Miron, Dror; Navon, Aviad; Levron, Yoash; Belikov, Juri; Rotschild, Carmel Journal of Energy Storage 2023 / art. 108464 <https://doi.org/10.1016/j.est.2023.108464> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Couceiro, M.; Devillet, J.; Marichal, J.-L.; Mathonet, P. Reducibility of n-ary semigroups: from quasitriviality towards idempotency : [review]
Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1491.20165>

Couceiro, Miguel; Devillet, Jimmy. Every quasitrivial (n) -ary semigroup is reducible to a semigroup : [review]
Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1446.20084>

Coutinho, Adriana; Lambert, Rodrigo; Rousseau, Jérôme. Matching strings in encoded sequences : [review]
Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1442.94028>

Covering algorithms for a robot swarm with limited information = Katvusalgorithmid piiratud teadmusbaasiga robotiparvede jaoks

Puusepp, Andres 2017 <https://digi.lib.ttu.ee/i/?9124> https://www.ester.ee/record=b4694737*est

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 andis TalTechi teadlastele tõuke väga olulise teenuse loomiseks

ari.geenius.ee 2023 [COVID-19 andis TalTechi teadlastele tõuke väga olulise teenuse loomiseks](#)

Craig Interpolation for a Semi-Substructural Logic

Veltri, Niccolo; Wan, Cheng-Syuan Studia logica 2025 / 39 p <https://doi.org/10.1007/s11225-025-10189-7>

Create your own MUSE : a method for updating security level evaluation instruments

Seeba, Mari; Affia, Abasi-amefon Obot; Mäses, Sten; Matulevičius, Raimundas Computer Standards and Interface 2024 / art. 103776 <https://doi.org/10.1016/j.csi.2023.103776> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Creating randomness with games

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 193-212 : ill http://acta.uni-obuda.hu/Henno_Jaakkola_Makela_96.pdf <https://doi.org/10.12700/APH.16.9.2019.9.11> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Creation of software platform for distance use of lab equipment and data in Virumaa College at Tallinn University of Technology

Shvets, Oleg; Murtazin, Kristina; Piho, Gunnar 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 1591-1595 <https://doi.org/10.23919/MIPRO48935.2020.9245261>

Cross-border communication and service provision within Silver Economy Domain : How to sustain a collaborative platform for seniors services

Kangilaski, Taivo; Pappel, Ingrid; Sihvonen, Markus; Weck, Marina Human factors, business management and society : proceedings of the 13th AHFE International Conference on Human Factors, Business Management and Society, New York, USA, July 24-28, 2022 2022 / p. 244-252 <https://doi.org/10.54941/ahfe1002275>

Cross-border data exchange in the Nordic-Baltic region : data intermediaries, interoperability, and e-services orchestration = Piiriülene andmevahetus Põhja-Balti regioonis : andmevahendajad, koostalitlusvõime ja e-teenuste orkestreerimine

Jackson, Eric Blake 2024 https://www.ester.ee/record=b5704325*est <https://doi.org/10.23658/taltech.54/2024> <https://digikogu.taltech.ee/et/Item/4c85549d-2e2a-4fff-bf11-08ce2295e945>

Cross-device behavioral consistency : benchmarking and implications for effective android malware detection

Guerra Manzanares, Alejandro; Vålbe, Martin Machine Learning with Applications 2022 / art. 100357, 15 p. : ill <https://doi.org/10.1016/j.mlwa.2022.100357>

Crossed swords : a cyber red team oriented technical exercise

Blumbergs, Bernhards; Ottis, Rain; Vaarandi, Risto Proceedings of the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019 2019 / p. 37-44 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85070019446&origin=inward&txGid=b3ce06db78a90b7b9e8a79c0d7b1f9c7>

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>

Curriculum for business information technology studies at BSc and MSc levels - observations from a long-term educational endeavour

Murtazin, Kristina; Shvets, Oleg; Piho, Gunnar Proceedings of the 2020 IEEE Global Engineering Education Conference (EDUCON) : Engineering Education for the Future in a Multicultural and Smart World, 27-30 April, 2020, Porto, Portugal 2020 / p. 409-418 : ill <https://doi.org/10.1109/EDUCON45650.2020.9125345>

A cyber attack taxonomy for microgrid systems

Bahsi, Hayretidin; 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 game to cyber exercise : a new methodology for cybersecurity simulations

Lovell, Kieren Nicolas Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 13-16 https://www.ester.ee/record=b5238490*est

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 incident management in low-income countries

Hountomey, Jean-Robert; **Bahsi, Hayretidin**; Tatar, Unal; Hashem, Sherif; Dubois, Elisabeth 2022 <https://cybilportal.org/wp-content/uploads/2022/01/CSIRTs-In-Low-Income-Countries-Final-Report-part-1-v16.pdf> <https://thegfce.org/working-groups/working-group-b/>

Cyber incident management in low-income countries

Hountomey, Jean-Robert; **Bahsi, Hayretidin**; Tatar, Unal; Hashem, Sherif; Dubois, Elisabeth 2022 <https://cybilportal.org/wp-content/uploads/2022/01/CSIRTs-In-Low-Income-Countries-Final-Report-part-2-v16.pdf> <https://thegfce.org/working-groups/working-group-b/>

A cyber red team oriented technical exercise

Blumergs, Bernhards; Ottis, Rain; Vaarandi, Risto Abstracts and conference materials for the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019 2019 / p. 10-11 <https://www.academic-conferences.org/conferences/eccws/eccws-future-and-past/>

Cyber security exercises : a comparison of participant evaluation metrics and scoring systems

Caliskan, Emin; Topgul, Oguzhan M.; **Ottis, Rain** Strategic cyber defense : a multidisciplinary perspective 2017 / p. 180-190 <http://doi.org/10.3233/978-1-61499-771-9-180>

Cyber security risk analysis for a virtual assistant G2C digital service using FAIR model

Dreyling III, Richard Michael; Jackson, Eric Blake; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy & eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 33-40 <https://doi.org/10.1109/ICEDEG52154.2021.9530938>

CyberGenomics : application of behavioral genetics in cybersecurity

Domarkiene, Ingrida; Ambrozaityte, Laima; Bukauskas, Linas; Rancelis, Tautvydas; **Sütterlin, Stefan**; Knox, Benjamin James; **Maennel, Kaie; Maennel, Olaf Manuel**; Parish, Karen; Lugo, Ricardo Gregorio; Brilingaite, Agne Behavioral Sciences 2021 / art. 152 <https://doi.org/10.3390/bs11110152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The cyber-insurance market in Norway

Bahsi, Hayretidin; Franke, Ulrik; Langfeldt Friberg, Even Information and computer security 2020 / p. 54–67 <https://doi.org/10.1108/ICS-01-2019-0012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 knowledge requirements for strategic level decision makers

Garcia-Granados, F.; **Bahsi, Hayretidin** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 559-568 <https://doi.org/>

Cybersecurity test range for autonomous vehicle shuttles

Roberts, Andrew James; Snetkov, Nikita; Maennel, Olaf Manuel 2021 IEEE European Symposium on Security and Privacy Workshops EuroS&PW 2021 : Virtual Conference, 6-10 September 2021 : proceedings 2021 / p. 239-248 : ill <https://doi.org/10.1109/EuroSPW54576.2021.00031>

Cybersecurity testing and attack propagation analysis of autonomous driving software = Autonomse sõiduki juhtimistarkvara küberturvalisuse testimine ja rünnakute leviku analüüs

Roberts, Andrew James 2025 https://www.ester.ee/record=b5750527*est <https://digikogu.taltech.ee/et/Item/fbecd0b1-252c-4a7d-b06c-588683fd4640> <https://doi.org/10.23658/taltech.41/2025>

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](#)

Cyberterrorism : A Schrödinger's cat

Kerttunen, Mika Routledge handbook of international cybersecurity 2020 / p. 161-173 <https://doi.org/10.4324/9781351038904-15>

Cyclic duality for slice and orbit 2-categories

Boiquayea, John; **Joram, Philipp**; Krämer, Ulrich Higher Structures 2024 / p. 136-162 : ill <https://doi.org/10.21136/hs.2024.09>

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>

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 fusion for ITS : a systematic literature review

Ounoughi, Chahinez; Ben Yahia, Sadok Information Fusion 2023 / p. 267-291 <https://doi.org/10.1016/j.inffus.2022.08.016> [Journal metrics at Scopus](#) [Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data generative machine learning model for the assessment of outdoor thermal and wind comfort in a northern urban environment

Eslamirad, Nasim; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok Frontiers of architectural research 2023 / p. 541-555 : ill <https://doi.org/10.1016/j.foar.2022.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 techniques for cryptocurrency blockchains

Liiv, Innar 2021 <https://doi.org/10.1007/978-981-16-2418-6>

Data structures for topologically sound higher-dimensional diagram rewriting

Hadzahasanovic, Amar; Kessler, Diana-Maria 5th International Conference on Applied Category Theory, ACT 2022, Hybrid, Glasgow, 18-22 July 2022 2023 / p. 111-127 : ill <https://doi.org/10.4204/EPTCS.380.7> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Data transfers in EU-India relations

Osula, Anna-Maria; Kaushik, Anjali Directions 2021 / [1] p. : ill <https://directionsblog.eu/data-transfers-in-eu-india-relations/>

Data-driven model for real-time evaluating capacity of commercial buildings to participate in the demand response

Belikov, Juri; Matskevich, Aliaksei; **Köse, Ahmet; Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 04001, 12 p <https://doi.org/10.1051/e3sconf/202456204001>

Data-driven occupancy profile identification and application to the ventilation schedule in a school building

Vassiljeva, Kristina; Matson, Margarita; Ferrantelli, Andrea; Petlenkov, Eduard; Thalfeldt, Martin; Belikov, Juri Energies 2024 / art. 3080 <https://doi.org/10.3390/en17133080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A data-ownership assuring blockchain wallet for privacy-protected data exchange [Online resource]

Hawthorne, Daniel; Engel, Serafin L.; **Norta, Alexander** 2017 https://tokensale.datawallet.com/pdf/datawallet_whitepaper.pdf

Davvaz, Bijan; Leoreanu-Fotea, Violeta; Feng, Feng. Redox reactions as experimental examples of ternary weak algebraic hyperstructures : [review]

Zentralblatt MATH 2018 / [2] p <https://zbmath.org/?q=1397.20073>

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

DBaaS comparison : Amazon vs. Microsoft

Astrova, Irina; Koschel, Arne; Eickemeyer, Chris; Kersten, Jan; Offel, Norman International Conference on Information Society (i-Society 2017) 2017 / p. 15-21 <http://doi.org/10.23919/i-Society.2017.8354663>

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](#)

Death spiral of the legacy grid : a game-theoretic approach for studying grid defection

Navon, Aviad; **Belikov, Juri**; **Ofir, Ron**; **Parag, Yael**; **Orda, Ariel**; **Levron, Yoash** iScience 2023 / art. 106415, 17 p. : ill
<https://doi.org/10.1016/j.isci.2023.106415> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics 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 and strategic planning for disaster preparedness with a multi-criteria-analysis decision support system

Schlobinski, Sascha; Zuccaro, Giulio; Scholl, Martin; Meiers, Daniel; Denzer, Ralf; Guarino, Sergio; Engelbach, Wolf; **Taveter, Kuldar**; Frysinger, Steven Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 178-186 : ill
https://doi.org/10.1007/978-3-319-15994-2_17 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Decomposing comonad morphisms

Ahman, Danel; **Uustalu, Tarmo** 8th Conference on Algebra and Coalgebra in Computer Science : CALCO 2019, University College London, United Kingdom, 3-6 June 2019 2019 / art. 14 : 20 p <https://doi.org/10.4230/LIPICs.CALCO.2019.14> [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

Nömm, 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 Segmentation of Luria's Alternating Series Test to Support Diagnostics of Parkinson's Disease

Valla, Elli; **Laur, Henry**; **Nömm, Sven**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro 2023 International Conference on Machine Learning and Applications (ICMLA) 2023 / p. 1066-1071 : ill <https://doi.org/10.1109/ICMLA58977.2023.00158>

Deep learning for detection of pavement distress using nonideal photographic images

Tepljakov, Aleksei; **Riid, Andri**; **Pihlak, Rene**; **Vassiljeva, Kristina**; **Petlenkov, Eduard** 2019 42nd International Conference on Telecommunications and Signal Processing (TSP) 2019 / p. 195-200 : ill <https://doi.org/10.1109/TSP.2019.8769086>

Deep learning-based detection of cyberattacks in software-defined networks

Mirsadeghi, Seyed Mohammad Hadi; **Bahsi, Hayretdin**; **Inbouli, Wissem** Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 341-354
https://doi.org/10.1007/978-3-031-36574-4_20

Deep magnitude management of clinical code embeddings to predict unplanned hospital readmissions

Bignoumba, Nzamba; **Bertl, Markus**; Mellouli, Nedra; **Ben Yahia, Sadok** Research Square 2024 / 32 p. : ill
<https://doi.org/10.21203/rs.3.rs-4705729/v1>

Deep Reinforcement Learning for energy-aware task offloading in join SDN-Blockchain 5G massive IoT edge network

Sellami, Bassem; Hakiri, Akram; **Ben Yahia, Sadok** Future generation computer systems 2022 / p. 363-379
<https://doi.org/10.1016/j.future.2022.07.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at Scopus](#)

Degrading lists

McDermott, Dylan; Pirog, Maciej; **Uustalu, Tarmo** Proceedings of the 22nd International Symposium on Principles and Practice of Declarative Programming (PPDP 2020), Part of BOPL 2020 : The Bologna Federated Conference on Programming Languages, 8-10 September 2020 2020 / art. 6, 14 p <https://doi.org/10.1145/3414080.3414084> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Degree of Dieudonne determinant defines the order of nonlinear system

Kotta, Ülle; Belikov, Juri; Halas, Miroslav; **Leibak, Alar** International journal of control 2019 / p. 518-527

<https://doi.org/10.1080/00207179.2017.1361042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The delay monad and restriction categories

Uustalu, Tarmo; Veltri, Niccolo Theoretical Aspects of Computing - ICTAC 2017 : 14th International Colloquium Hanoi, Vietnam, October 23-27, 2017 : proceedings 2017 / p. 32-50 https://doi.org/10.1007/978-3-319-67729-3_3 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Demüstifitseerime küberturvalisuse

Sömer, Tiia Küberturvalisus : Äripäeva lisa 2022 / Lk. 14 "[Demüstifitseerime küberturvalisuse](https://www.ester.ee/record=b1071975*est)" https://www.ester.ee/record=b1071975*est

Depopulation mechanism for incoherent terahertz source – THz Torch – based on GaAsBi/GaAs quantum well in GaAs/AlGaAs parabolic quantum well

Karaliunas, Mindaugas; Udal, Andres; Valušis, Gintaras Lithuanian journal of physics 2020 / p. 113-124

<https://doi.org/10.3952/physics.v60i2.4226> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deriving and formalizing requirements of decentralized applications for inter-organizational collaborations on blockchain

Udokwu, Chibuzor; Norta, Alexander Arabian journal for science and engineering 2021 / p. 8397–8414 <https://doi.org/10.1007/s13369-020-05245-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The design and implementation of a semantic web framework for the event-centric digital forensics analysis

Tšikul, Pavel; Bahşi, Hayretidin; Maennel, Olaf Manuel International Conference on Information Systems Security and Privacy. 1 2024 / p. 570-581 <https://doi.org/10.5220/0012437700003648> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Design and implementation of an availability scoring system for cyber defence exercises

Pihelgas, Mauno 14th International Conference on Cyber Warfare and Security (ICCWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : Proceedings 2019 / p. 329-337 <http://toc.proceedings.com/48113webtoc.pdf> "[ICCWS 2019](#)"

Design of a Collective Intelligence Platform for facilitating the silver economy : an exhaustive user-centered evaluation

Butt, Sidra Azmat; Suran, Shweta; Pappel, Ingrid; Weck, Marina; Draheim, Dirk techrxiv.org 2023 / 36 p. : ill <https://doi.org/10.36227/techrxiv.24213168.v1>

Design of a remote emotional requirements elicitation feedback method

Jackson, Eric Blake; Norta, Alexander Third International Workshop on Affective Computing in Requirements Engineering, AffectRE : 1 september 2020, Zurich, Switzerland : Proceedings 2020 / 8 p <https://doi.org/10.1109/AffectRE51213.2020.00007>

Design of fuzzy rule-based classifiers through granulation and consolidation

Riid, Andri; Preden, Jürjo-Sören Journal of artificial intelligence and soft computing research 2017 / p. 137-147 : ill <https://doi.org/10.1515/jaiscr-2017-0010> [Journal metrics at Scopus](#) [Article at Scopus](#)

Design of regenerative anti-lock braking system controller for 4 in-wheel-motor drive electric vehicle with road surface estimation

Aksjonov, Andrei; Vodovozov, Valery; Augsburg, Klaus; **Petlenkov, Eduard** International journal of automotive technology 2018 / p. 727-742 : ill <https://doi.org/10.1007/s12239-018-0070-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 digital collaborative platform for the silver economy: inception and conceptualization

Butt, Sidra Azmat; Rava, Karin; Kangilaski, Taivo; Pappel, Ingrid; Draheim, Dirk 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 47-54 : ill <https://doi.org/10.1109/ICEDEG52154.2021.9530937>

Designing a proof of concept for a virtual competence assistant

Liutkevičius, Markko; Kõosaar, Madis; Ben Yahia, Sadok Human Factors, Business Management and Society : proceedings of the 15th International Conference on Applied Human Factors and Ergonomics and the Affiliated Conferences, Nice, France, 24-27 July

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 a smart-contract application layer for transacting decentralized autonomous organizations

Norta, Alexander Advances in Computing and Data Sciences : first International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016 : revised selected papers 2017 / p. 595-604 https://doi.org/10.1007/978-981-10-5427-3_61 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Designing an effective long-term identity management strategy for a mature e-state

Lips, Silvia; Aas, Krista; Pappel, Ingrid; Draheim, Dirk Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26–29, 2019 : proceedings 2019 / p. 221-234 : ill https://doi.org/10.1007/978-3-030-27523-5_16 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Designing effective Chatbot solutions for the public sector: A case study from Ukraine

Petriv, Yulia; Erlenheim, Regina; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOSE 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 320-335 https://doi.org/10.1007/978-3-030-39296-3_24 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Designing proactive business event services : a case study of the Estonian company registration portal

Körge, Helena; Erlenheim, Regina; Draheim, Dirk Electronic Participation : 11th IFIP WG 8.5 International Conference, ePart 2019, San Benedetto Del Tronto, Italy, September 2–4, 2019, Proceedings 2019 / p. 73 - 84 https://doi.org/10.1007/978-3-030-27397-2_7 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

Designing proactive public services = Proaktiivsete avalike teenuste disainimine

Erlenheim, Regina 2019 <https://digikogu.taltech.ee/et/Item/727c90b4-8949-48e1-98f7-c854a56d773e>
https://www.ester.ee/record=b5268214*est

Design-time web usability evaluation with guideliner

Makarencov, Jevgeni; Robal, Tarmo; Kalja, Ahto Complex Systems Informatics and Modeling Quarterly (CSIMQ) 2018 / art. 90, p. 90–109 : ill <https://doi.org/10.7250/csimq.2018-15.05>

Detailed analysis of the Luria's alternating series tests for Parkinson's disease diagnostics

Nõmm, Sven; Bardõš, Konstantin; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 17th IEEE International Conference on Machine Learning and Applications : ICMLA 2018, 17–20 December 2018, Orlando, Florida, USA : proceedings 2018 / p. 1347–1352 <https://doi.org/10.1109/ICMLA.2018.00219>

Detecting Simpson's paradox : a machine learning perspective

Sharma, Rahul; Garayev, Huseyn; Kaushik, Minakshi; Arakkal Peious, Sijo; Tiwari, Prauag; Draheim, Dirk Database and Expert Systems Applications : 33rd International Conference, DEXA 2022, Vienna, Austria, August 22-24, 2022 : proceedings. Part I 2022 / p. 323-335 : ill https://doi.org/10.1007/978-3-031-12423-5_25 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Detecting Simpson's paradox : a step towards fairness in machine learning

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Bertl, Markus; Ankit, Vidyarthi; Ashwani, Kumar; Draheim, Dirk New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 67-76 : ill https://doi.org/10.1007/978-3-031-15743-1_7 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Detection of bulbar involvement in patients with amyotrophic lateral sclerosis by machine learning voice analysis : diagnostic decision support development study

Tena, Alberto; Claria, Francec; Solsona, Francesc; Meister, Einar; Povedano, Monica JMIR Medical Informatics 2021 / e21331, 18 p. : ill <https://doi.org/10.2196/21331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining necessary length of the alternating series test for Parkinson's disease modelling

Nõmm, Sven; Kossas, Tanel; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 2019 International Conference on Cyberworlds : CW 2019 : 2-4 October 2019, Kyoto, Japan : proceedings 2019 / p. 261-266 : ill <http://doi.org/10.1109/CW.2019.00050>

Developing agent-oriented video surveillance system through agent-oriented methodology (AOM)

Shiang, Cheah Wai; Onn, Bong Tien; Tee, Fu Swee; Bin Khairuddin, Muhammad Asyraf; Mahunnah, Msury Journal of Computing and Information Technology 2016 / p. 349 - 368 <https://doi.org/10.20532/cit.2016.1002869> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developing autonomous robotic transport systems for hospitals and medical facilities : legal challenges

Kerikmäe, Tanel; Kajander, Aleks Oskar Johannes; Hamulak, Ondrej; Mesarčik, Matuš; Andraško, Jozef; Liiv, Innar Icon 2023 / p. 88-104 <https://www.icohtec.org/icon/volume-28-issue-2-2023/> <https://doi.org/10.11590/icon.2023.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developing curiosity and multimedia skills with programming experiments [Electronic resource]

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), May 22 - 26, 2017, Opatija, Croatia : proceedings 2017 / p. 694-699 : ill. [CD-ROM] <http://doi.org/10.23919/MIPRO.2017.7973512>

Developing military cyber workforce in a conscript armed forces : recruitment, challenges and options

Sömer, Tiia; Lorenz, Birgy; Ottis, Rain 14th International Conference on Cyber Warfare and Security (ICCWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : proceedings 2019 / p. 413-421 <http://toc.proceedings.com/48113webtoc.pdf> "ICCWS 2019"

Development and testing of a compact voice command recognition algorithm for limited complexity microcontroller devices

Udal, Andres; Riid, Andri; Jaanus, Martin; Pärnamets, Kaiser; Lokuta, Madis 2018 22nd International Conference Electronics : Palanga, Lithuania, 18-20 June 2018 2018 / p. 1-4 : ill <http://doi.org/10.1109/ELECTRONICS.2018.8443645>

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 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 in acoustic characteristics of speech of Estonian adolescents

Meister, Einar; Meister, Lya Folklore (Estonia) 2023 / p. 179-206 : ill https://doi.org/10.7592/FEJF2023.90.meister_meister [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developmental changes of fundamental frequency and temporal characteristics in Estonian adolescent speech

Meister, Einar; Meister, Lya Proceedings of the 20th International Congress of Phonetic Sciences, Prague 2023 2023 / p. 3587-3591 https://www.internationalphoneticassociation.org/icphs-proceedings/ICPhS2023/full_papers/257.pdf

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>

Diagrammatic algebra of first order logic

Bonchi, Filippo; Di Giorgio, Alessandro; **Haydon, Nathan Joseph; Sobocinski, Pawel Maria** LICS '24 : proceedings of the 39th Annual ACM/IEEE Symposium on Logic in Computer Science 2024 / art. 16, p. 1-15 : ill <https://doi.org/10.1145/3661814.3662078>

Diagrammatic algebra of first order logic : [preprint]

Bonchi, Filippo; Di Giorgio, Alessandro; **Haydon, Nathan Joseph; Sobocinski, Pawel Maria** arXiv.org 2024 / 34 p. : ill <https://doi.org/10.48550/arXiv.2401.07055>

Diagrammatic polyhedral algebra

Bonchi, Filippo; Di Giorgio, Alessandro; **Sobocinski, Pawel Maria** 41st IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2021) 2021 / p. 40:1-40:18 <https://doi.org/10.4230/LIPIcs.FSTTCS.2021.40> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Dialect adaptation and data augmentation for low-resource ASR: Taltech systems for the MADASR 2023 Challenge

Alumäe, Tanel; Kong, Jiaming; Robnikov, Daniil 2023 IEEE Automatic Speech Recognition and Understanding Workshop (ASRU), 16-20 Dec. 2023, Taipei, Taiwan 2023 / p. 1-7 <https://doi.org/10.1109/ASRU57964.2023.10389668>

Differences in Android behavior between real device and emulator : a malware detection perspective

Guerra Manzanares, Alejandro; Bahsi, Hayretdin; 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>

Differential 2-rigs

Loregian, Fosco; Trimble, Todd Proceedings Fifth International Conference on Applied Category Theory (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 159-182 : ill <https://doi.org/10.4204/EPTCS.380.10> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Difficulties in understanding object oriented programming concepts

Biju, Soly Mathew Innovations and advances in computer, information, systems sciences, and engineering 2013 / p. 319 - 326 https://doi.org/10.1007/978-1-4614-3535-8_27 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Digitaalsed kaksikud teevad säästlikust energiatarbimisest võistluse [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 / fot [Digitaalsed kaksikud teevad säästlikust energiatarbimisest võistluse](#)

A digital collaborative platform for the silver economy : functionalities required by stakeholders in a multinational Baltic Sea Region project

Butt, Sidra Azmat; Suran, Shweta; Pappel, Ingrid; Smaerup, Michael; Krimmer, Robert Johannes; Draheim, Dirk Digital government : research and practice 2023 / art. 8, 20 p. : ill <https://doi.org/10.1145/3592618> [Journal metrics at Scopus](#) [Article at Scopus](#)

A Digital collaborative platform to facilitate innovative solutions for the silver economy = Digitaalne koostööplatvorm hõlbustamaks uuenduslikke lahendusi hõbemajanduses

Butt, Sidra Azmat 2023 <https://doi.org/10.23658/taltech.67/2023> <https://digikogu.taltech.ee/et/Item/7c85940a-5f26-4d3d-adcd-42051df370b5> https://www.ester.ee/record=b5646360*est

Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-92909-1>

A Digital ecosystem for personal manufacturing : an architecture for cloud-based distributed manufacturing operating systems

Vedešin, Anton; Dogru, John Mehmet Ulgar; Liiv, Innar; Draheim, Dirk; Ben Yahia, Sadok MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 224–228 : ill <https://doi.org/10.1145/3297662.3365792>

Digital forensic analysis of mobile automotive maintenance applications

Sumaila, Faisal; Bahsi, Hayretin Forensic Science International : Digital Investigation 2022 / art. 301440 <https://doi.org/10.1016/j.fsidi.2022.301440> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital health data capture with a controlled natural language

Kankainen, Kristian Juha Ismo; Listenmaa, Inari; Piho, Gunnar; Ross, Peeter Caring is sharing – exploiting the value in data for health and innovation : proceedings of MIE 2023 2023 / p. 829 - 830 <https://doi.org/10.3233/SHTI230280> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digital public service improvement in cross-border use cases

Raamat, Helen; Liiv, Innar; Lips, Silvia; Ahmed, Rozha Kamal; Sharma, Rahul; Draheim, Dirk 37th Bled eConference – Resilience Through Digital Innovation: Enabling the Twin Transition: June 9 – 12, 2024, Bled, Slovenia, Conference Proceedings 2024 / p. 269–282 : ill <https://doi.org/10.18690/um.fov.4.2024.15>

A digital services course to promote teaching of informatics in Estonia

Kikkas, 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 Silver Hub : user dialogue model technical document

Butt, Sidra Azmat; Pappel, Ingrid; Draheim, Dirk techrxiv.org 2022 / p. 1–59 : ill <https://doi.org/10.36227/techrxiv.19875031.v1>

Digital social work: tools for practice with individuals, organizations, and communities

Liiv, Innar European journal of social work 2020 / p. 175-176 <https://doi.org/10.1080/13691457.2020.1767943>

Digital sovereignty and participation in an autocratic state : designing an e-petition system for developing countries

Lips, Silvia; Ahmed, Rozha Kamal; Zulfargazada, Khayyam; Krimmer, Robert Johannes; Draheim, Dirk The Proceedings of the 22nd Annual International Conference on Digital Government Research (DGO2021) : Digital Innovations for Public Values: Inclusive Collaboration and Community, June 9-11, 2021 2021 / p. 123–131 <https://doi.org/10.1145/3463677.3463706> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Digital transformation : artificial intelligence enablement in public services = Digisiire ja tehisintellekti rakenduseeldused

avalikes teenustes

Dreyling III, Richard Michael 2024 https://www.ester.ee/record=b5701422*est <https://doi.org/10.23658/taltech.48/2024>
<https://digikogu.taltech.ee/et/Item/8f544e79-b898-426c-a008-9f6f352d44bb>

Digital transformation insights from an AI solution in search of a problem

Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 10th International Conference, FDSE 2023, Da Nang, Vietnam, November 22–24, 2023 : proceedings 2023 / p. 341 - 351 https://doi.org/10.1007/978-981-99-8296-7_24 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Digital transformation of court processes : driving forces, success factors, regulations and technology acceptance = Kohtuprotsesside digitaalne ümberkujundamine : liikumapanevad jõud, edu tegurid, regulatsioonid ja tehnoloogia vastuvõtmine

Ahmed, Rozha Kamal 2023 <https://doi.org/10.23658/taltech.7/2023> <https://digikogu.taltech.ee/et/Item/20e4a2fa-fc2d-4312-8d1e-c66afae70f96> https://www.ester.ee/record=b5547659*est

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>

Digiöppe edendamise koolides – kelle roll ja vastutus?

Nanits, Mihkel Õpetajate Leht 2024 / lk. 11 <https://dea.digar.ee/article/opetajateleht/2024/09/17/11.3>

Dimensionality reduction for machine learning based IoT botnet detection

Bahsi, Hayretdin; Nömm, Sven 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1857-1862 : ill <https://doi.org/10.1109/ICARCV.2018.8581205>

Dirk Draheim: Eesti võib saada tuleviku infoühiskonnas teenäitajaks [Võrguäljaanne]

Draheim, Dirk postimees.ee 2022 ["Dirk Draheim: Eesti võib saada tuleviku infoühiskonnas teenäitajaks"](https://postimees.ee/2022/09/14/draheim-eesti-voib-saada-tuleviku-info-uhiskonnas-teenaitajaks)

Discrete gravitational swarm optimization algorithm for system identification = Diskreetne gravitatsioonilist vastasmõju arvestav osakeste parvega optimeerimise meetod süsteemide identifitseerimiseks

Spitšakova, Margarita 2017 <https://digi.lib.ttu.ee/i/?8449> https://www.ester.ee/record=b4689427*est

Discretizing numerical attributes : an analysis of human perceptions

Kaushik, Minakshi; Sharma, Rahul; Draheim, Dirk arXiv.org 2023 / 18 p. : ill <https://doi.org/10.48550/arXiv.2311.03278>

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

A distributed and incremental algorithm for large-scale graph clustering

Inoubli, Wissem; Aridhi, Sabeur; Mezni, Haithem; Maddouri, Mondher; Mephu Nguifo, Engelbert Future generation computer systems 2022 / p. 334-347 <https://doi.org/10.1016/j.future.2022.04.013>

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](#)

Distributed storage placement policy for minimizing frequency deviations: A combinatorial optimization approach based on enhanced cross-entropy method

Machlev, Ram; Chowdhury, Nilanjan Roy; **Belikov, Juri; Levron, Yoash** International Journal of Electrical Power and Energy Systems 2022 / p. 1-14 : ill <https://doi.org/10.1016/j.ijepes.2021.107332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Disturbance decoupling in nonlinear hybrid systems

Kaldmäe, Arvo; Kotta, Ülle; Shumsky, Alexey; Zhirabok, Alexey Nonlinear analysis : hybrid systems 2018 / p. 42-53 <https://doi.org/10.1016/j.nahs.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do we need capabilities in our management system?

Kangilaski, Taivo; Ševtšenko, Eduard Journal of machine engineering 2017 / p. 88-100 : ill

http://www.not.pl/wydawnictwo/abstract_2017_en.html https://wydawnictwo.not.pl/2017JOM/V1/8_KANGILASKI.pdf [Journal metrics at Scopus](#)
[Article at Scopus](#)

Documenting and analysing business-and operational risks

Kangilaski, Taivo; Kaugerand, Jaanus 2024 Tenth International Conference on eDemocracy & eGovernment (ICEDEG) 2024

<https://doi.org/10.1109/ICEDEG61611.2024.10702076> [Article at Scopus](#)

Dodek, W. A.; Trokhimenko, V. S. Menger algebras of idempotent n-ary operations : [review]

Henno, Jaak zbMATH Open 2022 / 1 p <https://zbmath.org/1413.20061>

Does school admission by zoning affect educational inequality? A study of family background effect in Estonia, Finland, and Sweden

Pöder, Kaire; Lauri, Triin; Veski, Andre Scandinavian journal of educational research 2017 / p. 668-688 : ill

<https://doi.org/10.1080/00313831.2016.1173094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Does serendipity enhance recommendation quality? Measuring accuracy and beyond-accuracy objectives of serendipitous POI suggestions

Ben Sassi, Imen; Järv, Priit; Ben Yahia, Sadok 27th European Conference on Artificial Intelligence, 19-24 October 2024, Santiago de Compostela, Spain - Including 13th Conference on Prestigious Applications of Intelligent Systems (PAIS 2024) 2024 / p. 3096–3103 : ill <https://doi.org/10.3233/FAIA240852> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Doktorantuur IKTs – mitte ainult akadeemilise maailma austajatele

arileht.delfi.ee 2023 [Doktorantuur IKTs – mitte ainult akadeemilise maailma austajatele](#)

Doktoritöö pakkus välja nutilahenduse lärmakate ummikute vastu

novaator.err.ee 2024 [Doktoritöö pakkus välja nutilahenduse lärmakate ummikute vastu](#) <https://digikogu.taltech.ee/et/Item/9eeeebb0-87bf-4171-bc94-0a0dcf74e9fb>

Doktoritöö: satelliitide turvalisus on jäänud ohtlikult vaeslapse ossa

Harrik, Airika; Carlo, Antonio novaator.err.ee 2024 [Doktoritöö: satelliitide turvalisus on jäänud ohtlikult vaeslapse ossa](#)

<https://digikogu.taltech.ee/et/Item/aef0d0fa-b76a-431f-800a-0b6b2ba0da74> <https://doi.org/10.23658/taltech.32/2024>

Dolinka, Igor. Finite bands are finitely related : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=06936367>

Domain adaptation approach for Arabic sarcasm selection in hotel reviews based on hybrid learning

Ameur, Asma; Hamdi, Sana; Ben Yahia, Sadok Procedia computer science 2023 / p. 3898-3908

<https://doi.org/10.1016/j.procs.2023.10.385> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Domain ontology for expressing knowledge of variants of thermally modified wood products

Maigre, Riina; Haav, Hele-Mai Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 161-171 https://doi.org/10.1007/978-3-319-97571-9_14 [Conference proceedings at Scopus](#) [Article at Scopus](#)

A domain-specific framework for supporting semantic interoperability in primary and secondary use of health data on the example of the Estonian National Health Information System = Tervishoiu domeenipõhise semantilise raamistiku loomine terviseandmete esmaseks ja teiseseks kasutamiseks Eesti Tervise infosüsteemi näitel

Bossenko, Igor 2025 https://www.ester.ee/record=b5730672*est <https://digikogu.taltech.ee/et/Item/a9944a4a-52e0-483e-9435-c6dc210745de>
<https://doi.org/10.23658/taltech.9/2025>

Dong, L.; Guo, Q.; Wu, W.; Satpute, M. N. A semantic relatedness preserved subset extraction method for language corpora based on pseudo-Boolean optimization : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:07239083>

Driving forces and design of the TTÜ e-Governance technologies and services master's program

Pappel, Ingrid; Oolu, Karin; Pappel, Ingmar; Draheim, Dirk Electronic Government and the Information Systems Perspective : 6th International Conference, EGOVIS 2017, Lyon, France, August 28-31, 2017 : proceedings 2017 / p. 278-293 : ill

https://doi.org/10.1007/978-3-319-64248-2_20 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

DTRON : a tool for distributed model-based testing of time critical applications

Anier, Aivo; Vain, Jüri; Tsiopoulos, Leonidas Proceedings of the Estonian Academy of Sciences 2017 / p. 75-88 : ill

<https://doi.org/10.3176/proc.2017.1.08> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Duality of lattices associated to left and right quotients

Bell, Jason; Smerdnig, Daniel; **Tamm, Hellis** 16th International Conference on Automata and Formal Languages, AFL 2023, Eger, 5 September - 7 September 2023 / p. 35-50 <https://doi.org/10.4204/EPTCS.386.5> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dudek, Wieslaw A. Automorphisms of n-ary groups : [review]

Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1497.20066>

Dudek, Wieslaw A.; Trokhimenko, Valentin S. Menger algebras of k-commutative n-place functions : [review]

Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1491.20168>

Dynamic modeling and stability analysis of power networks using DQ0 transformations with a unified reference frame

Belikov, Juri; Levron, Yoash Proceedings of the Estonian Academy of Sciences 2018 / p. 368-377 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-368-377.pdf <https://doi.org/10.3176/proc.2018.67.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamically integrating electronic - with personal health records for ad-hoc healthcare quality improvements

Kormiltsõn, Aleksandr; Norta, Alexander Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 385-399 : ill https://doi.org/10.1007/978-3-319-69784-0_33 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dynamics of 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 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>

The early π -calculus in ticked cubical type theory

Veltri, Niccolo; Vezzosi, Andrea 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 77-80 <https://doi.org/10.23658/taltech.nwpt/2019>

EARLY: a tool for real-time security attack detection

Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri** CyberSecurity in a DevOps Environment: From Requirements to Monitoring 2024 / p. 225-251 https://doi.org/10.1007/978-3-031-42212-6_8 [Article at Scopus](#)

East, J.; Ruškuc, N. Classification of congruences of twisted partition monoids : [review]

Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1485.20141>

East, James; Mitchell, James D.; Ruškuc, Nik; Torpey, Michael. Congruence lattices of finite diagram monoids : [review]

Zentralblatt MATH 2018 / [1] p. <https://zbmath.org/?q=an%3A06898934>

East, James; Ruškuc, Nik Congruence lattices of ideals in categories and (partial) semigroups Memoirs of the American Mathematical Society 1408. Providence, RI: American Mathematical Society (AMS). vii, 129~p. (2023) : [review]

Henno, Jaak zbMATH Open 2023 / 1 p. <https://zbmath.org/1515.20009>

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](#)

EcoLight+ : a novel multi-modal data fusion for enhanced eco-friendly traffic signal control driven by urban traffic noise prediction

Ounoughi, Chahinez; Ounoughi, Doua; Ben Yahia, Sadok Knowledge and information systems 2023 / p. 5309–5329 <https://doi.org/10.1007/s10115-023-01938-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Educating future digital leaders : developing e-governance curriculum in Estonia and Ukraine

Morze, Natalia; 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

Eesti arvutiteadlasi üllatab Hiina uue tehisaru võimekus

Piir, Rait novaator.err.ee 2025 [Eesti arvutiteadlasi üllatab Hiina uue tehisaru võimekus](#)

Eesti e-edulugu kiilus kriisiajal kinni

McBride, Keegan David Braun Eesti Päevaleht 2021 / Lk. 2-3 <https://dea.digar.ee/article/eestipaevaleht/2021/01/07/5.4>

Eesti e-riigi hoidmine ei saa olla hobi

Ottis, Rain Äripäev 2018 / lk. 12 [Eesti e-riigi hoidmine ei saa olla hobi](#)

Eesti IT-firma töötaja sai riigilt pea miljoni e-hääletamise turvalisuse uurimiseks

Kald, Indrek ituudised.ee 2024 [Eesti IT-firma töötaja sai riigilt pea miljoni e-hääletamise turvalisuse uurimiseks](#)

Eesti keele toeta virtuaalassistendid võivad keele säilimisele teha karuteene [Võrguväljaanne]

Maarits, Merit novaator.err.ee 2019 / fot [Eesti keele toeta virtuaalassistendid võivad keele säilimisele teha karuteene](#)

Eesti keele väliskohakäänete kasutus poolsponsaanses kõnes automaatse transkriptsiooni põhjal

Klavan, Jane; **Alumäe, Tanel**; Tavast, Arvi Keel ja Kirjandus 2020 / lk. 757-774 : tab <https://keeljakirjandus.ee/ee/uncategorized/eesti-keele-valiskohakaanete-kasutus-poolsponsaanses-kones-automaatse-transkriptsiooni-pohjal/> https://www.ester.ee/record=b1072340*est <https://doi.org/10.54013/kk754a8> Journal metrics at Scopus Article at Scopus

Eesti keelt toetaks see, kui rohkem Eesti oma inimesi tuleks kraadiõppesse

Vilo, Jaak; **Piho, Gunnar; Leis, Paul**; Vahtra, Katre Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 2-3 : fot <https://dea.digar.ee/article/ak/2021/06/19/2.2>

Eesti laste kõne I. Põhitooni akustiline analüüs

Meister, Einar; Meister, Lya Keel ja Kirjandus 2017 / lk. 518-533 : ill <https://dea.digar.ee/article/AKkeeljakirjandus/2017/07/0/6> Journal metrics at Scopus Article at Scopus

Eesti laste kõne II. Vokaalide akustiline analüüs

Meister, Einar; Meister, Lya Keel ja Kirjandus 2019 / lk. 282–295 : ill <https://dea.digar.ee/article/AKkeeljakirjandus/2019/04/0/8> Journal metrics at Scopus Article at Scopus

Eesti laste kõne III. Kõnetempo ja silbikestuste analüüs

Meister, Einar; Meister, Lya Keel ja Kirjandus 2022 / lk. 226-244 <https://doi.org/10.54013/kk771a3> Journal metrics at Scopus Article at Scopus

Eesti suurima küberkaitse talentide võistluse võitis TalTechi tudeng

Lorenz, Birgy Elektriala 2023 / lk. 23 https://www.ester.ee/record=b1240496*est

Eesti teadlane aitab lahendada Euroopa digitaalse identiteedi suurt probleemi

Alvela, Ain novaator.err.ee 2023 [Eesti teadlane aitab lahendada Euroopa digitaalse identiteedi suurt probleemi](#) <https://digikogu.taltech.ee/et/Item/52b02c4c-7d55-47f5-b942-83e03f3bb37a>

Eesti teadlased tegid tarkvara, mis ennetab küberrünnakuid

Pihel, Hele-Riin postimees.ee 2023 [Eesti teadlased tegid tarkvara, mis ennetab küberrünnakuid](#)

Eesti teadlaste hinnang: tehisaru muudab meie elu palju, aga me ei tea veel, millal

postimees.ee 2024 [Eesti teadlaste hinnang: tehisaru muudab meie elu palju, aga me ei tea veel, millal](#)

Eesti Vabariigi 2018. aasta teaduspreemia laureaadid TTÜst

Vähi, Kersti; Buldas, Ahto; Kotta, Ülle; Kurnitski, Jarek; Raudla, Ringa Mente et Manu 2018 / lk. 26-27 : portr <https://www.ttu.ee/ttu-uudised/ajaleht-mente-et-manu/mente-et-manu/> http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2836028*est

Eesti võib saada tuleviku infoühiskonnas teenäitajaks

Draheim, Dirk Postimees 2022 / Lk. 12 <https://dea.digar.ee/article/postimees/2022/01/19/11.4>

Eestikeelne mõistesüsteem tervishoiu ja arstiabi järjepidevuse toetamiseks

Kankainen, Kristian Juha Ismo; Mägi, Ruth Eesti Arst 2023 / lk. 428-434 : ill https://www.ester.ee/record=b1072028*est
<https://ojs.utlib.ee/index.php/EA/article/view/22900>

Eestil pole plaanis TikTok'i keelata

Rohemäe, Maria-Ann err.ee 2024 <https://www.err.ee/1609544995/eestil-pole-plaanis-tiktokki-keelata>

Eestlased võtsid mullu automaatidest välja neli miljardit eurot sularaha = Estonians withdrew €4 billion in cash from ATMs last year

Grepp, T. err.ee 2024 [Eestlased võtsid mullu automaatidest välja neli miljardit eurot sularaha](https://www.err.ee/1609544995/eestil-pole-plaanis-tiktokki-keelata) [Estonians withdrew €4 billion in cash from ATMs last year](https://www.err.ee/1609544995/eestil-pole-plaanis-tiktokki-keelata) [autor](https://www.err.ee/1609544995/eestil-pole-plaanis-tiktokki-keelata)

Effect of distributed photovoltaic generation on the voltage magnitude in a self-contained power supply system

Lukutin, Boris V.; Shandarova, Elena B.; Makarova, A.F.; Švartsman, Inna International Scientific and Practical Conference on Urgent Problems of Modern Mechanical Engineering 17–18 December 2015, Yurga, Russia 2016 / art. 012005
<https://doi.org/10.1088/1757-899X/127/1/012005> [Conference Proceedings at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at WOS](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111)

Effective algebraic analysis approach to linear systems over Ore algebras

Cluzeau, T.; Koutschan, C.; Quadrat, A.; Tönso, Maris Algebraic and symbolic computation methods in dynamical systems 2020 / p. 3-52 https://doi.org/10.1007/978-3-030-38356-5_1

Effective optimization of billboard ads based on CDR data leverage

Semassel, Imed Eddine; Ben Yahia, Sadok Journal of Telecommunications and the Digital Economy 2022 / p. 76-95
<https://doi.org/10.18080/jtde.v10n2.527> [Journal metrics at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111)

Effects of annotation quality on model performance

Alhazmi, Khaled; Alsumari, Walaa; Seppo, Indrek; Podkuiko, Lara; Simon, Martin 2021 International Conference on Artificial Intelligence in Information and Communication (ICAIC), 13-16 April 2021 2021 / p. 063–067
<https://doi.org/10.1109/ICAIC51459.2021.9415271>

Effects of culture on public behavior patterns in crisis situations

Teichmann, Mare; Kaugerand, Jaanus; Ehala, Johannes; Meriste, Merik; Rannat, Kalev Proceedings of Conference on Cognitive and Computational Aspects of Situation Management 2023 2024 / p. 66 - 79 <https://doi.org/10.29007/r4p9> [Conference Proceedings at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111)

Effects of economic shocks on power systems: {COVID-19} as a case study

Navon, Aviad; Orda, Ariel; Levron, Yoash; Belikov, Juri 2021 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 8-21 October, 2021 : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ISGTEurope52324.2021.9640021>

Effects of the COVID-19 pandemic on energy systems and electric power grids — a review of the challenges ahead

Navon, Aviad; Machlev, Ram; Carmon, David; Onile, Abiodun Emmanuel; Belikov, Juri; Levron, Yoash Energies 2021 / art. 1056, 14 p. : ill <https://doi.org/10.3390/en14041056> [Journal metrics at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Journal metrics at WOS](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at WOS](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111)

Efficiency and fair access in kindergarten allocation policy design

Veski, Andre; Biro, Peter; Pöder, Kaire; Lauri, Triin Journal of mechanism and institution design 2017 / p. 57-104 : ill
<http://doi.org/10.22574/jmid.2017.12.003>

Efficient and effective association rule mining on big data and cloud technology : a multifaceted analysis = Tõhus ja efektiivne assotsiatsioonireeglite kaevandamine suurandmetel ja pilvetehnoloogial : mitmekülgne analüüs

Shahin, Mahtab 2024 https://www.ester.ee/record=b5701564*est <https://digikogu.taltech.ee/et/Item/5cb16841-6d26-495f-88bb-5ae980bcd258>
<https://doi.org/10.23658/taltech.50/2024>

An efficient authentication and key agreement scheme for secure smart grid communication services

Hammami, Hamza; Obaidat, Mohammad S.; Ben Yahia, Sadok International journal of communication systems 2020 / art. e4558, p. 1–13 <https://doi.org/10.1002/dac.4558> [Journal metrics at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at Scopus](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Journal metrics at WOS](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111) [Article at WOS](https://www.scopus.com/search/form.do?prf=full&recordId=54111111111111111111)

Efficient event log mining with LogClusterC

Zhuge, Chen; Vaarandi, Risto The Third IEEE International Conference on Big Data Security on Cloud, IEEE BigDataSecurity 2017 : The Third IEEE International Conference on High Performance and Smart Computing, IEEE HPSC 2017 : The Second IEEE International Conference on Intelligent Data and Security, IEEE IDS 2017 : proceedings : 26-28 May 2017, Beijing, China 2017 / p. 261-266 : tab <http://doi.org/10.1109/BigDataSecurity.2017.26>

An efficient neural network for the diagnosis of Parkinson's disease using dynamic handwriting analysis

Wang, Xuechao; Nömm, Sven; Huang, Junqing; Chatzakou, Marianna; Ruzhansky, Michael Extended Abstracts MWCAPDE 2023 :

Methusalem Workshop on Classical Analysis and Partial Differential Equations 2024 / p. 97 - 104 https://doi.org/10.1007/978-3-031-41665-1_11 [Article Collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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](#)

Ega inimene massina vastu saal

Alas, Brita-Maria Postimees 2020 / Lk. 2-3 : ill <https://dea.digar.ee/article/ak/2020/10/24/2.1>

e-Governance education for sustainable development: prioritising sustainable development goals and building capabilities to drive progress : an AHP approach

Labanava, Alena; Liiv, Innar; Pappel, Ingrid Proceedings of the 16th International Conference on Theory and Practice of Electronic Governance 2023 / p. 206-213 <https://doi.org/10.1145/3614321.3614350>

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](#)

e-Identity and eIDAS : interpretation of concepts by different countries [Online resource]

Tsap, Valentyna Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 9-10
https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Eilenberg-Kelly reloaded

Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam Electronic notes in theoretical computer science 2020 / p. 233-256
<https://doi.org/10.1016/j.entcs.2020.09.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Eksperdid: andmenappus ei pidurda tehisaru arengut veel niipea

Piir, Rait novaator.err.ee 2024 [Eksperdid: andmenappus ei pidurda tehisaru arengut veel niipea](#)

Ekspert: eestlastel on olemas teadmised küberturvalisusest, kuid millegipärast neid ei kasutata [Võrguväljaanne]

Baum, Anu geenius.ee 2022 [Ekspert: eestlastel on olemas teadmised küberturvalisusest, kuid millegipärast neid ei kasutata](#)

Elli Valla selgitas, kuidas võib tehisintellekti areng mõjutada tulevikus haiguste diagnoosimist ja nende ravimist

Valla, Elli kanal2.ee 2024 [Elli Valla selgitas, kuidas võib tehisintellekti areng mõjutada tulevikus haiguste diagnoosimist ja nende ravimist](#)

Elli Valla: bikiinifitnessiga tegelemisel on tulnud endalt küsida, kas tömmata pidurit või vajutada gaasi

Uibomägi, Kethi eestinaine.delfi.ee 2023 [Elli Valla: bikiinifitnessiga tegelemisel on tulnud endalt küsida, kas tömmata pidurit või vajutada gaasi](#)

Elutähtsate teenuste ristsõltuvuse analüüs

Laud, Peeter; **Bahsi, Hayretdin; Lenin, Aleksandr;** Mändmaa, Kalev; **Priisalu, Jaan;** Tuuling, Reedik Sõjateadlane 2020 / lk. 207-237 https://www.ester.ee/record=b4555087*est

Embedded blur-free single-image acquisition pipeline for droplet microfluidic imaging flow cytometry (IFC)

Afrin, Fariha; Pärnamets, Kaiser; Le Moulec, Yannick; Udal, Andres; Koel, Ants; Pardy, Tamas; Rang, Toomas IEEE Access 2024 / p. 92431-92441 <https://doi.org/10.1109/ACCESS.2024.3421637>

An embedding driven approach to automatically detect identifiers and references in document stores

Souibgui, Manel; Atigui, Faten; **Ben Yahia, Sadok;** Cherfi, Samira Si-Said Data & knowledge engineering 2022 / art. 102003
<https://doi.org/10.1016/j.datak.2022.102003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emerging role of industry 5.0 digital twins in demand response electricity market and applications

Onile, Abiodun Emmanuel; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 6 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10407322>

Empaatile suhtlemine meditsiinis - kuidas seda arendada?

Teichmann, Mare Lege Artis : ajakiri Eesti arstidele 2023 / lk. 72-74 <https://www.med24.ee/ajakirjad/legeartis/september-2023/empaatile-suhtlemine-meditsiinis-kuidas-seda-arendada> https://www.ester.ee/record=b1575283*est

Empirical evaluation of guidelines for prototyping sociotechnical systems in JADE framework

Mahunnah, Msury; Taveter, Kuldar; Wai Shiang, Cheah; Yee Wai, Sim 2018 International Symposium on Agents, Multi-Agent Systems and Robotics (ISAMSR 2018) : Putrajaya, Malaysia, 27 August 2018 / p. 51-56 : ill <http://doi.org/10.1109/ISAMSR.2018.8540558>

An empirical evaluation of the requirements engineering tool for socio-technical systems

Mahunnah, Msury; Taveter, Kuldar; Matulevičius, Raimundas 2018 7th Workshop on Empirical Requirements Engineering : EmpiRE 2018 : 21 August 2018, Banff, Alberta, Canada : proceedings 2018 / p. 8-19 : ill <https://doi.org/10.1109/EmpiRE.2018.00012>

En garde! Unguarded iteration for reversible computation in the delay monad

Kaarsgaard, Robin; **Veltri, Niccolo** Mathematics of Program Construction : 13th International Conference, MPC 2019, Porto, Portugal, October 7–9, 2019 : proceedings 2019 / p. 366-384 https://doi.org/10.1007/978-3-030-33636-3_13

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](#)

Energiainformaatika: energia ja infotehnoloogia ühinemine

Petlenkov, Eduard; Belikov, Juri Elektriala 2023 / lk. 12-13 : ill., portr https://www.ester.ee/record=b1240496*est

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 efficient behavior modeling for demand side recommender system in solar microgrid applications using multi-agent reinforcement learning model

Onile, Abiodun Emmanuel; Belikov, Juri; Levron, Yoash; Petlenkov, Eduard Sustainable cities and society 2023 / art. 104392, 20 p. : ill <https://doi.org/10.1016/j.scs.2023.104392> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy storage and forecasting error impact analysis in photovoltaic equipped residential nano-grids

Hokmabad, Hossein Nouroollahi; Husev, Oleksandr; Belikov, Juri; Vinnikov, Dmitri; Petlenkov, Eduard 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p. <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227406>

Energy storage for mitigating grid congestion caused by electric vehicles : a techno-economic analysis using a computationally efficient graph-based methodology

Navon, Aviad; Nitskansky, Ran; Lipman, Eshel; **Belikov, Juri**; Gal, Nurit; Orda, Ariel; Levron, Yoash Journal of energy storage 2023 / art. 106324 <https://doi.org/10.1016/j.est.2022.106324> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy-aware task scheduling and offloading using deep reinforcement learning in SDN-enabled IoT network

Sellami, Bassem; Hakiri, Akram; **Ben Yahia, Sadok**; Berthou, Pascal Computer networks 2022 / art. 108957, 12 p. : ill <https://doi.org/10.1016/j.comnet.2022.108957> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Vain, Jüri; Tsiopoulos, Leonidas; Kharchenko, Vyacheslav; **Apneet Kaur; Jenihhin, Maksim; Raik, Jaan; Nömm, Sven** Green IT Engineering: Social, Business and Industrial Applications 2019 / p. 273-297 https://doi.org/10.1007/978-3-030-00253-4_12 [Article collection at Scopus](#) [Article at Scopus](#)

An enhanced NN-based load frequency control design of MGs : a fractional order modeling method

Škiparev, Vjatšeslav; Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227392>

Enhancement of photoluminescence of GaAsBi quantum wells by parabolic design of AlGaAs barriers

Pukiene, Simona; Karaliunas, Mindaugas; Jasinskas, A.; **Udal, Andres** Nanotechnology 2019 / art. 455001, 11 p. : ill <https://doi.org/10.1088/1361-6528/ab36f3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 cerebral palsy gait analysis with 3D computer vision : a dual-camera approach

Valla, Elli; Kanter, Gert; Nömm, Sven; Kuusk, Anton Osvald; Maran, Peeter; Seenmaa, Karl Mihkel; Mägi, Killu; Toomela, Aaro
2024 10th International Conference on Control, Decision and Information Technologies (CoDIT) 2024 / p. 1352-1357
<https://doi.org/10.1109/CoDIT62066.2024.10708137> [Article at Scopus](#)

Enhancing cyber defense situational awareness using 3D visualizations

Kullman, Kaur; Cowley, Jennifer; Ben-Ashe, Noam 13th International Conference on Cyber Warfare and Security (ICCWS 2018), Washington, DC, USA, 8 – 9 March 2018 2018 / p. 369-378 <http://toc.proceedings.com/38822webtoc.pdf>

Enhancing forensic-tool security with Rust : Development of a string extraction utility

Getreu, Jens; Maennel, Olaf Manuel Journal of Digital Forensics, Security and Law 2019 / art. 4, p. 46-58 : ill
<https://doi.org/10.15394/jdfls.2019.1607>

Enhancing IoT botnet attack detection in SOC's with an explainable active learning framework

Kalakoti, Rajesh; Nömm, Sven; Bahsi, Hayretidin 2024 IEEE World AI IoT Congress (AlloT) 2024 / p. 265 - 272
<https://doi.org/10.1109/AlloT61789.2024.10578957> [Article at Scopus](#) [Article at WOS](#)

Enhancing privacy risk modeling in practice: a case study of an e-justice system

Gakh, Valerii; Bahsi, Hayretidin; Hoffmann, Thomas; Boyarchuk, Artem; Khramov, Oleksii IEEE Access 2024 / p. 183851-183874
<https://doi.org/10.1109/ACCESS.2024.3509332>

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 requirements engineering in agile methodologies by agent-oriented goal models : two empirical case studies

Tenso, Tanel; Norta, Alexander; Rootsi, Hannes; Taveter, Kuldar; Vorontsova, Irina 2017 IEEE 25th International Requirements Engineering Conference Workshops : proceedings 2017 / p. 268-275 : ill <http://doi.org/10.1109/REW.2017.24>

Enhancing the cyber resilience of sea drones

Orye, Erwin; Visky, Gabor; Rohl, Alexander; Maennel, Olaf Manuel CyCon 2024 : Over the Horizon 16th International Conference on Cyber Conflict 2024 / p. 83-102 https://ccdcoc.org/uploads/2024/05/CyCon_2024_Orye_Visky_Rohl_Maennel-1.pdf

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](#)

Erratum : Linearization of discrete-time control system by state transformation

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2021 / p. 307 <https://doi.org/10.3176/proc.2021.1.09>
https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-proc-3-2021-307_20210822154030.pdf

Escrows are optics

Genovese, Fabrizio; Loregian, Fosco; **Palombi, Daniele** arXiv.org 2022 / 16 p. : ill <https://doi.org/10.48550/arXiv.2105.10028>
<https://arxiv.org/pdf/2105.10028.pdf>

eSignature in eCourt Systems

Ahmed, Rozha Kamal; Lips, Silvia; Draheim, Dirk Proceedings of the World Conference on Smart Trends in Systems, Security and Sustainability (WS4 2020), London, UK, July 27 – 28, 2020 : Virtual Conference 2020 / p. 352-356
<https://doi.org/10.1109/WorldS450073.2020.9210309>

Establishing cyber sovereignty - Russia follows China's example [Online resource]

Venables, Adrian Nicholas Rahvusvaheline Kaitseuuringute Keskus (RKK) = International Centre for Defence and Security (ICDS) 2019 ["ICDS Blog"](#)

Estonian code of conduct for research integrity

2017 http://www.ester.ee/record=b4761004*est

Estonian computer scientists surprised by capabilities of China's DeepSeek

Piir, Rait news.err.ee 2025 [Estonian computer scientists surprised by capabilities of China's DeepSeek](#)

Estonian elderly speech corpus - design, collection and preliminary acoustic analysis

Meister, Einar; Meister, Ly Baltic journal of modern computing 2022 / p. 360-371 <https://doi.org/10.22364/bjmc.2022.10.3.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian speech recognition and transcription editing service

Olev, Aivo; Alumäe, Tanel Baltic journal of modern computing 2022 / p. 409-421 <https://doi.org/10.22364/bjmc.2022.10.3.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ETAGi välisteaduskoostöö toetusmeetmete mõju : kvalitatiivuuringu tulemused

Riivits-Arkonsuo, Iivi; Saia, Koidu; Reidolf, Merli; Södör, Kaja; Kutsar, Dagmar; Mäger, Kadri 2024 https://etag.ee/wp-content/uploads/2022/07/ETAG_VTK_Aruanne_TalTech_23042024_LOPLIK.pdf

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 / p. 152-155 : ill <https://doi.org/10.1109/ICEDEG52154.2021.9530895>

EU Common position on international law and cyberspace

Osula, Anna-Maria; Kasper, Agnes; Kajander, Aleks Oskar Johannes Masaryk University journal of law and technology 2022 / p. 89-123 <https://doi.org/10.5817/MUJLT2022-1-4> [Journal metrics at Scopus](#) [Article at Scopus](#)

Euroopa oma tehismõistus

Tammet, Tanel; Liiv, Innar Sirp 2020 / lk. 33-34 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-oma-tehismoistus/>
https://www.ester.ee/record=b1072938*est

European aerosol phenomenology – 8 : harmonised source apportionment of organic aerosol using 22 year-long ACSM/AMS datasets

Chen, Gang; Canonaco, Francesco; Tobler, Anna; Aas, Wenche; Alastuey, Andres; Allan, James; Atabakhsh, Samira; Aurela, Minna; Baltensperger, Urs; **Keernik, Hannes** Environment international 2022 / 18 p. : ill <https://doi.org/10.1016/j.envint.2022.107325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

E-valimiste karikakramäng vajab täiustamist

Tammet, Tanel Postimees 2023 <https://dea.digar.ee/article/postimees/2023/10/20/13.2>

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 / p. 1-14 https://ceur-ws.org/Vol-3264/HEDA22_paper_5.pdf [Conference proceedings at Scopus](#) [Article at Scopus](#)

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 cybersecurity-related competences through simulation exercises = Küberturbe-alaste kompetentside hindamine simulatsiooniharjutuste abil

Mäses, Sten 2020 https://www.ester.ee/record=b5384385*est <https://digikogu.taltech.ee/et/Item/b4c33d3b-e7ce-48ad-98ad-a0add5e571a3>

Evaluating model performance through a user-centric explainable framework for probabilistic load forecasting models

Robin, Rebecca; Heistrene, Leena; **Belikov, Juri**; Baimel, Dmitry; Levron, Yoash 2024 Third International Conference on Power, Control and Computing Technologies (ICPC2T) 2024 / p. 427 - 432 <https://doi.org/10.1109/ICPC2T60072.2024.10474692> [Article at Scopus](#)

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 RESTfulness of "APIs from the Rough"

Koschel, Arne; **Astrova, Irina**; Blankschyn, Maximilian Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1 2019 / p. 281-288 <https://doi.org/10.5220/0008166802810288>

Evaluating time series database management systems for insurance company

Koschel, Arne; **Astrova, Irina**; Alsleben, Stephan-Tobias; Bellöck, 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 semantic parsing frameworks for automated knowledge base construction

Verrev, Martin Intelligent systems design and applications 22nd International Conference on Intelligent Systems Design and Applications (ISDA 2022) held December 12-14, 2022 - Volume 1 2023 / p. 554-563 https://doi.org/10.1007/978-3-031-27440-4_53 <https://link.springer.com/book/10.1007/978-3-031-27440-4> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Event detection based on open information extraction and ontology

Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Journal of Information and Telecommunication 2020 / p. 383-403 <https://doi.org/10.1080/24751839.2020.1763007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Event detection based on open information extraction and ontology

Sahnoun, Sihem; Elloumi, Samir; **Ben Yahia, Sadok** Computational Collective Intelligence : 11th International Conference, ICCCI 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](#)

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> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evolutionary optimisation-based fractional order controller for web transport systems in process industries

Haripriya, N.; Kavitha, P.; Srinivasan, Seshadhri; **Belikov, Juri** International Journal of Advanced Intelligence Paradigms 2019 / p. 317-330 <http://doi.org/10.1504/IJAIP.2018.10006748>

Exercise Neptune : maritime cybersecurity training using the navigational simulators

Lovell, Kieren Nicolas Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 34-37 https://www.eester.ee/record=b5238490*est

An exhaustive multi-aspect analysis of swarm intelligence algorithms in numerical association rule mining

Kaushik, Minakshi; Sharma, Rahul; Koiva, Pilleriin; Fister, Iztok; Draheim, Dirk IEEE Access 2024 / p. 138985 - 139002 <https://doi.org/10.1109/ACCESS.2024.3417334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Expanded underwater robotics ready for oil spill

Gilbert, Javier; Lopez-Castejon, F.; Rodríguez de Mesas, C.; **Ernits, Juhan-Peep; Vain, Jüri** Interspill 2018 - London : [proceedings] 2018 / 2 p <http://interspill.org/previous-events/2018/> <http://interspill.org/previous-events/2018/14March2018/3-Situational-Awareness/Expanded-Underwater-Robotics-J-Gilbert-UPCT-Cartagena.pdf>

Expanded underwater robotics ready for oil spills (e-URready4OS)

Gilbert, Javier; Sousa, João; Vukic, Zoran; **Ernits, Juhan-Peep; Vain, Jüri** Marine technology reporter 2018 / p. 24–33 <https://magazines.marinelink.com/Magazines/MarineTechnology/201803/content/expanded-underwater-robotics-535546>

Expect : eXplainable prediction model for energy consumption

Mouakher, Amira; **Inoubli, Wissem; Ounoughi, Chahinez; Ko, Andrea** Mathematics 2022 / art. 248 <https://doi.org/10.3390/math10020248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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>

An experiment : using Google Translate and semantic mirrors to create synsets with many lexical units

Lohk, Ahti; Tombak, Mati; Vare, Kadri Proceedings of the 9th Global WordNet Conference : GWC 2018, January 8-12, 2018, Singapore 2018 / p. 328-332 <http://doi.org/10.1109/EmpiRE.2018.00012>

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](#)

An experimental pipeline for automated reasoning in natural language (short paper)

Tammet, Tanel; Järv, Priit; Verrev, Martin; Draheim, Dirk Automated Deduction – CADE 29, 29th International Conference on Automated Deduction, Rome, Italy, July 1–4, 2023 : proceedings 2023 / p. 509-521 https://doi.org/10.1007/978-3-031-38499-8_29 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Experimental validation of the Newton observer for a nonlinear flux-controlled AMB system operated with zero-bias flux

Mystkowski, Arkadiusz; Kierdelewicz, A.; Kotta, Ülle; Kaparin, Vadim International journal of control 2020 / p. 2257-2266 : ill <https://doi.org/10.1080/00207179.2018.1552025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimentally adjusted modelling and simulation technique for a catamaran autonomous surface vessel

Astrov, Igor; Udal, Andres; Mölder, Heigo; Jalakas, Tanel; Möller, Taavi International Conference on Electrical, Computer, and Energy Technologies, ICECET 2022, Prague, Czech Republic, July 20-22, 2022 2022 / 7 p. : ill <https://doi.org/10.1109/ICECET55527.2022.9873069>

Experimenting with graded monads: certified grading-based program transformations

Talvik, Tõnn; Uustalu, Tarmo 24th International Conference on Types for Proofs and Programs : TYPES 2018, Braga, Portugal, 18-21 June, 2018 : abstracts 2018 / p. 82-83 <https://types2018.proji.eu/book-of-abstracts/>

Experiments with LLMs for converting language to logic

Tammet, Tanel; Järv, Priit; Verrev, Martin; Draheim, Dirk Neural-Symbolic Learning and Reasoning : 18th International Conference, NeSy 2024, Barcelona, Spain, September 9–12, 2024, Proceedings, Part II 2024 / p. 305 - 314 https://doi.org/10.1007/978-3-031-71170-1_24 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Expert knowledge elicitation for skill level categorization of attack paths

Mezešova, Terezia; Bahsi, Hayretdin 2019 International Conference on Cyber Security and Protection of Digital Services (Cyber Security) 2019 / 8 p. : tab <https://doi.org/10.1109/CyberSecPODS.2019.8885192>

Expert knowledge elicitation for skill level categorization of attack paths

Mezešova, Terezia; Bahsi, Hayretdin Cyber science 2018 : conference programme 2018 / p. 29 <https://www.c-mric.com/wp-content/uploads/2018/04/20180611-Cyber-Science-2018-Event-Brochure-DRAFT-v0.6.pdf>

Experts still needed : boosting long-term android malware detection with active learning

Guerra-Manzanares, Alejandro; Bahsi, Hayretdin Journal of Computer Virology and Hacking Techniques 2024 / p. 901 - 918 <https://doi.org/10.1007/s11416-024-00536-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experts: GPS jamming not to blame for Vilnius DHL cargo plane crash

err.ee 2024 [Experts: GPS jamming not to blame for Vilnius DHL cargo plane crash](#)

Explainability and transparency of classifiers for air-handling unit faults using explainable artificial intelligence (XAI)

Meas, Molika; Machlev, Ram; Köse, Ahmet; Tepljakov, Aleksei; Loo, Lauri; Levron, Yoash; Petlenkov, Eduard; Belikov, Juri Sensors 2022 / art. 6338 : ill <https://doi.org/10.3390/s22176338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Explainability-based trust algorithm for electricity price forecasting models

Heistrene, Leena; Machlev, Ram; Perl, Michael; Belikov, Juri; Baimel, Dmitry; Levy, Kfir; Mannor, Shie; Levron, Yoash Energy and AI 2023 / art 100259, 18 p <https://doi.org/10.1016/j.egyai.2023.100259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Explainable AI based fault detection and diagnosis system for air handling units

Belikov, Juri; Meas, Molika; Machlev, Ram; Köse, Ahmet; Tepljakov, Aleksei; Loo, Lauri; Petlenkov, Eduard; Levron, Yoash Proceedings of the 19th International Conference on Informatics in Control, Automation and Robotics - ICINCO, 2022 , Lisbon,

Explainable Artificial Intelligence (XAI) techniques for energy and power systems : review, challenges and opportunities
Machlev, Ram; Heistrene, L.; Perl, M.; Levy, K. Y.; **Belikov, Juri**; Mannor, S.; Levron, Yoash Energy and AI 2022 / art. 100169, 13 p. : ill <https://doi.org/10.1016/j.egyai.2022.100169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Explainable federated learning for Botnet Detection in IoT networks

Kalakoti, Rajesh; Bahsi, Hayretidin; Nömm, Sven Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience (CSR), September 2-4, 2024, London, UK 2024 / p. 22-29 <https://doi.org/10.1109/CSR61664.2024.10679348> [Article at Scopus](#) [Article at WOS](#)

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>

Explaining the decisions of power quality disturbance classifiers using latent space features

Machlev, Ram; Perl, Michael; Caciularu, Avi; **Belikov, Juri**; Levy, Kfir Yehuda; Levron, Yoash International journal of electrical power & energy systems 2023 / art. 108949 <https://doi.org/10.1016/j.ijepes.2023.108949> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 visual analytics : technical report of the NATO IST-141 Research Task Group

Varga, Margaret; Arkin, Ethem; Bivall, Petter; Camossi, Elena; **Kullman, Kaur**; Krilavičius, Tomas; Mandravickaitė, Justina; Lavigne, Valerie; Jayaram, Shivas; Panga, Marius; Liggett, Kristen; Martsinkevičius, Virginijus; Ray, Cyril; Winkelholz, Carsten; Acharya, Nikhil 2023 https://www.researchgate.net/publication/361220433_Exploratory_Visual_Analytics

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 EU e-delivery integration for enabling interregional innovation through the SilverHub Platform

Jackson, Eric Blake; Kivimäki, Petteri; **Pappel, Ingrid; Ben Yahia, Sadok** dg.o '23 : Proceedings of the 24th Annual International Conference on Digital Government Research : Gdansk, Poland, July 11 - 14, 2023 2023 / p. 172–179 : ill <https://doi.org/10.1145/3598469.3598488>

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>

Exploring the impact of pretrained models and web-scraped data for the 2022 NIST language recognition evaluation

Alumäe, Tanel; Kuk, Kunnar; Le, Viet-Bac; Barras, Claude; Messaoudi, Abdel; Kheder, Waad Ben 24th Annual Conference of the International Speech Communication Association (INTERSPEECH 2023) : Dublin, Ireland, 20-24 August 2023 2023 / p. 516 - 520 <https://www.isc.speechcommunication.org/Interspeech2023Dublin20August2023through24August2023>

Extended clusters of vertical polysemy : an explorative study of eleven wordnets

Lohk, Ahti; Vainik, Ene; Paulsen, Geda; Rebane, Martin; Bond, Francis Eesti Rakenduslingvistika Ühingu aastaraamat 2021 = Estonian Papers in Applied Linguistics 2021 2021 / p. 193-210 : ill <https://doi.org/10.5128/ERYa17.11> https://www.ester.ee/record=b2033361*est [Journal metrics at Scopus](#) [Article at Scopus](#)

An Extended flatness-based controller for permanent magnet synchronous machines incorporating an event-based mechanism

Belikov, Juri; Kaldmäe, Arvo; Levron, Yoash 2019 27th Mediterranean Conference on Control and Automation (MED) 2019 / p. 416-421 : ill <https://doi.org/10.1109/MED.2019.8798551>

Extended fractional singular Kalman filter

Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard Applied mathematics and computation 2023 / art. 127950, 15 p. : ill <https://doi.org/10.1016/j.amc.2023.127950> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extended observer form for nonlinear system with disturbances : Algorithm and application

Kaparin, Vadim; Simha, Ashutosh; Chowdhury, Nilanjan Roy; **Kotta, Ülle**; Levron, Yoash; **Belikov, Juri** 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 <https://doi.org/10.1109/ICARCV63323.2024.10821609>

Extended observer form with vector fields

Mullari, Tanel; **Kotta, Ülle**; **Kaldmäe, Arvo**; **Kaparin, Vadim**; Simha, Ashutosh International journal of control 2024 / p. 2399 - 2412 <https://doi.org/10.1080/00207179.2023.2274060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extended observer forms for submersive discrete-time systems

Simha, Ashutosh; **Kaparin, Vadim**; **Mullari, Tanel**; **Kotta, Ülle** IEEE Transactions on Automatic Control 2023 / p. 2684 - 2688 <https://doi.org/10.1109/TAC.2023.3336253> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extended reality in power distribution grid : applications and future trends

Nosrati, Komeil; **Alsaleh, Saleh**; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; **Onile, Abiodun Emmanuel**; **Škiparev, Vjatseslav**; **Belikov, Juri** 27th International Conference on Electricity Distribution (CIRED 2023) : Rome, 12-15 June 2023 2023 / p. 3615 - 3619 <https://doi.org/10.1049/icp.2023.0788> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Extending automated deduction for commonsense reasoning

Tammet, Tanel arXiv.org 2020 / p. 1-19 <https://arxiv.org/pdf/2003.13159.pdf> <https://arxiv.org/abs/2003.13159>

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 influencing the business value of e-government services for small and medium sized enterprises

Ritso, Valter; **Kindel, Kristiina**; **Venesaar, Urve** Research in economics and business : Central and Eastern Europe 2017 / p. 41-61

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](#)

Feature engineering for short-term forecast of energy consumption

Spitšakova, Margarita; **Belikov, Juri**; Nõu, Kalvi; **Petlenkov, Eduard** Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September - 2 October, 2019 2019 / 5 p. : ill <https://doi.org/10.1109/ISGTEurope.2019.8905698>

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

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

Feedback linearization of an active magnetic bearing system operated with a zero-bias flux

Mystkowski, Arkadiusz; **Kaparin, Vadim**; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tönso, Maris** International journal of applied mathematics and computer science 2017 / p. 539-548 : ill <https://doi.org/10.1515/amcs-2017-0038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Feedback linearization of discrete-time nonlinear control systems : computational aspects

Mullari, Tanel; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2020 / p. 11-26 <https://doi.org/10.3176/proc.2020.1.03> http://kirj.ee/32996/?tpl=1061&c_tpl=1064 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Feedback linearization of possibly non-smooth systems

Kaldmäe, Arvo; **Kotta, Ülle**; Shumsky, Alexey; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2017 / p. 109-123 <https://doi.org/10.3176/proc.2017.2.01> http://www.eester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2820923*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fekete's lemma for componentwise subadditive functions of two or more real variables

Capobianco, Silvio Acta et Commentationes Universitatis Tartuens de Mathematica 2022 / p. 45-62 : ill <https://doi.org/10.12697/ACUTM.2022.26.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fekete's lemma for componentwise subadditive functions of two or more real variables

Capobianco, Silvio arXiv.org 2019 / 20 p. : ill <https://arxiv.org/abs/1904.10507>

Fibration linguistics (FibLang) : language acquisition

Genovese, Fabrizio; **Loregian, Fosco**; Puca, Caterina arXiv.org 2022 / p. 1-16 : ill <https://doi.org/10.48550/arXiv.2207.06765>
<https://arxiv.org/pdf/2207.06765.pdf>

Fibration linguistics (FibLang) : language acquisition

Genovese, Fabrizio; **Loregian, Fosco**; Puca, Caterina Proceedings Fifth International Conference on Applied Category Theory (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 224-236 : ill <https://doi.org/10.4204/EPTCS.380.13> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Fibrational linguistics (FibLang) : first concepts

Genovese, Fabrizio; **Loregian, Fosco**; Puca, Caterina arXiv 2022 / 22 p. : ill <https://doi.org/10.48550/arXiv.2201.01136>
<https://arxiv.org/pdf/2201.01136.pdf>

Findings of the Second AmericasNLP Competition on speech-to-text translation

Ebrahimi, Abteen; Mager, Manuel; Wiemerslage, Adam; Denisov, Pavel; Oncevay, Arturo; Liu, Danni; Koneru, Sai; Ugan, Enes Yavuz; Li, Zhaolin; Niehues, Jan; Romero, Monica; Torre, Ivan G.; **Alumäe, Tanel** Proceedings of the NeurIPS 2022 Competitions Track, PMLR 2023 / p. 217–232 <https://proceedings.mlr.press/v220/ebrahimi23a/ebrahimi23a.pdf>

Finetuning end-to-end models for Estonian conversational spoken language translation

Sildam, Tiia; **Velve, Andra**; **Alumäe, Tanel** Proceedings of the The Seventh Workshop on Technologies for Machine Translation of Low-Resource Languages (LoResMT 2024) 2024 / p. 166–174 <https://doi.org/10.18653/v1/2024.loresmt-1.17> [Article at Scopus](#)

Finite determination of accessibility and singular points of nonlinear systems: an algebraic approach

Sarafrazi, Mohammad Amin; **Kotta, Ülle**; Bartosiewicz, Zbigniew Systems & control letters 2020 / art. 104600, p. 1–7
<https://doi.org/10.1016/j.sysconle.2019.104600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Finiteness and rational sequences, constructively

Uustalu, Tarmo; **Veltri, Niccolo** Journal of functional programming 2017 / art. e13, p. 1-20 <https://doi.org/10.1017/S0956796817000041>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

1st Report on Legal Framework and Analysis Related to Autonomous Intelligent Technologies

Kerikmäe, Tanel; **Nyman-Metcalf, Katrin Merike**; **Hoffmann, Thomas**; Minn, Mari; Liiv, Innar; Taveter, Kuldar; **Shumilo, Olga**; **Solarte Vasquez, Maria Claudia**; **Antonov, Alexander** 2019 <https://www.researchgate.net/publication/331996458>

A flapped paddle-fin for improving underwater propulsive efficiency of oscillatory actuation

Simha, Ashutosh; **Gkliva, Roza**; **Kotta, Ülle**; **Kruusmaa, Maarja** IEEE robotics and automation letters 2020 / p. 3176-3181
<https://doi.org/10.1109/LRA.2020.2975747> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Flatness based control of a HVAC system

Kaldmäe, Arvo; **Kotta, Ülle** Information technology and control 2017 / p. 499-507 : ill <https://doi.org/10.5755/j01.itc.46.4.17697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Flexible presentations of graded monads

Katsumata, Shin-ya; McDermott, Dylan; **Uustalu, Tarmo**; Wu, Nicolas Proceedings of the ACM on Programming Languages 2022 / art. 123, 28 p <https://doi.org/10.1145/3547654> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

FLHex: a flapped-paddle hexapod for all-terrain amphibious locomotion

Burzynski, Piotr; **Simha, Ashutosh**; **Kotta, Ülle**; Pawluszewicz, Ewa; Sastry, Shivakumar Bulletin of the Polish Academy of Sciences Technical Sciences 2021 / art. e139007, 9 p. : ill <https://doi.org/10.24425/bpasts.2021.139007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forensics analysis of an on-line game over Steam Platform

Tabuyo-Benito, Raquel; **Bahsi, Hayret**; 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](#)

Formal development of multi-vessel navigation of maritime autonomous systems using UPPAAL STRatego

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina 32nd Nordic Workshop on Programming Theory, NWPT 2021, Reykjavik, Iceland, and online, 4-6 November 2021 / 4 p <http://icetcs.ru.is/nwpt21/abstracts/paper7.pdf> <http://icetcs.ru.is/nwpt21/programme.html>

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](#)

A formal specification smart-contract language for legally binding decentralized autonomous organizations

Dwivedi, Vimal Kumar; Norta, Alexander; Wulf, Alexander; Leiding, Benjamin; Saxena, Sandeep; **Udokwu, Chibuzor** IEEE Access 2021 / p. 76069–76082 : ill <https://doi.org/10.1109/ACCESS.2021.3081926> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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 maritime autonomous systems using UPPAAL STRATEGO

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 58-61 : ill <https://doi.org/10.23658/taltech.nwpt/2019>

Formalizing λ -calculus in guarded cubical Agda

Veltri, Niccolo; Vezzosi, Andrea CPP 2020: Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, January 2020 2020 / p. 270–283 <https://doi.org/10.1145/3372885.3373814>

Formalizing λ -calculus in guarded cubical Agda

Veltri, Niccolo; Vezzosi, Andrea CPP 2020 - Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2020, New Orleans 20 January 2020 through 21 January 2020 2020 / p. 270-283
<https://doi.org/10.1145/3372885.3373814>

Formalizing CCS and π -calculus in Guarded Cubical Agda

Veltri, Niccolo; Vezzosi, Andrea Journal of logical and algebraic methods in programming 2023 / art. 100846
<https://doi.org/10.1016/j.jlamp.2022.100846> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formalizing restriction categories

Chapman, James; Uustalu, Tarmo; Veltri, Niccolo Journal of formalized reasoning 2017 / p. 1-36 <https://doi.org/10.6092/issn.1972-5787/6237> [Journal metrics at Scopus](#) [Article at Scopus](#)

Formalizing π -calculus in guarded cubical agda

Veltri, Niccolo; Vezzosi, Andrea EUTYPES-TYPES 2020 : Abstracts 2020 / 3 p
<https://types2020.di.unito.it/abstracts/BookOfAbstractsTYPES2020.pdf>

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](#)

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](#)

Forward and backward shifts of vector fields : towards the dual algebraic framework

Mullari, Tanel; Kotta, Ülle; Bartosiewicz, Zbigniew; Pawluszewicz, Ewa; Moog, Claude IEEE transactions on automatic control 2017 / p. 3029-3033 <https://doi.org/10.1109/TAC.2016.2608718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Foundations of software science and computation structures: 26th International Conference, FoSSaCS 2023, held as part of the European joint conferences on theory and practice of software, ETAPS 2023, Paris, France, April 22–27, 2023, proceedings

2023 <https://doi.org/10.1007/978-3-031-30829-1>

Fractional-order modeling and control of ionic polymer-metal composite actuator

Tepljakov, Aleksei; Vunder, Veiko; **Petlenkov, Eduard;** Nakshatharan, S Sunjai; Punning, Andres; **Kaparin, Vadim; Belikov, Juri;** Aabloo, Alvo Smart materials and structures 2019 / 12 p. : ill <https://doi.org/10.1088/1361-665X/ab2c75> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Framework for industrial control systems digital forensics in the energy sector

Roberts, Andrew Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 24-26 https://www.ester.ee/record=b5238490*est

A framework for modelling, verification and transformation of concurrent imperative programs

Bortin, Maksym arXiv.org 2020 / 57 p <https://arxiv.org/abs/2007.02261> <https://doi.org/10.48550/arXiv.2007.02261>

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](#)

Frameworks for collective intelligence : a systematic literature review

Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk ACM computing surveys 2020 / art. 14, p. 1–36 <https://doi.org/10.1145/3368986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Frankenstack : real-time cyberattack detection and feedback system for technical cyber exercises

Pihelgas, Mauno; Kont, Markus Proceedings of the 2021 IEEE International Conference on Cyber Security and Resilience (CSR), July 26–28, 2021 : Virtual Conference : proceedings 2021 / p. 396-402 <https://doi.org/10.1109/CSR51186.2021.9527923>

Frankenstack : toward real-time red team feedback

Kont, Markus; Pihelgas, Mauno; Maennel, Kaie; Blumbergs, Bernhards; **Lepik, Toomas** MILCOM 2017 - 2017 IEEE Military Communications Conference : Baltimore, Maryland, USA, 23-25 October 2017 2017 / p. 400-405 : ill <https://doi.org/10.1109/MILCOM.2017.8170852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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](#)

Frequency stability of the Israeli power grid with high penetration of renewable sources and energy storage systems

Ben Yosef, Gefen; Navon, Aviad; Poliak, Olga; Etzion, Naomi; Gal, Nurit; **Belikov, Juri; Levron, Yoash** Energy reports 2021 / p. 6148–6161 : ill <https://doi.org/10.1016/j.egyr.2021.09.057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From academic abilities to occupation : What drives stock market participation?

Vaarmets, Tarvo; Liivamägi, Kristjan; Talpsepp, Tõnn Emerging markets review 2019 / p. 83-100 : tab <https://doi.org/10.1016/j.ememar.2019.04.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From determinacy analysis to zero factor free determinacy analysis and universal generator of hypotheses : development of algorithms = Determinatsioonanalüüsist nullfaktorivaba determinatsioonanalüüsi ja universaalse hüpoteeside generaatorini : algoritmid arendus

Lind, Grete 2017 <https://digi.lib.ttu.ee/i/?9121> https://www.ester.ee/record=b4743672*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://elex.link/elex2023/wp-content/uploads/elex2023_proceedings.pdf [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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 simple scoring towards a meaningful interpretation of learning in cybersecurity exercises

Ernits, Margus; **Mäses, Sten; Lepik, Toomas; Maennel, Olaf Manuel** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICCWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 135-143 <https://doi.org/10.34190/ICCWS.20.046>

From text mining to evidence team learning in cybersecurity exercises

Maennel, Kaie; Joonsoo, Kim; **Sütterlin, Stefan** Companion Proceedings of the 10th International Conference on Learning Analytics & Knowledge (LAK20) : Cyberspace, March 23-27, 2020 2020 / p. 107-109 <https://lak20.solaresearch.org>

From the experimentalist disposition to the absolute : Peirce's pragmatic naturalism

Dea, Shannon; **Haydon, Nathan Joseph** Responses to naturalism : critical perspectives from idealism and pragmatism 2019 / p. 167-183 <https://doi.org/10.4324/9781315180854> <https://www.taylorfrancis.com/books/9781315180854/chapters/10.4324/9781315180854-8>

From verbal to adjectival : evaluating the lexicalization of participles in an Estonian corpus

Paulsen, Geda; Tuulik, Maria; **Lohk, Ahti**; Vainik, Ene Slovenščina 2.0 2022 / p. 65-97 <https://doi.org/10.4312/slo2.0.2022.1.65-97>

Functions' algebra in nonlinear control : computational aspects and software

Belikov, Juri; Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle; Shumsky, Alexey Ye.; **Tõnso, Maris**; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2017 / p. 89-107 <https://doi.org/10.3176/proc.2017.1.06> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

Functorial semantics for partial theories

Di Liberti, Ivan; **Loregian, Fosco; Nester, Chad Mitchell; Sobocinski, Pawel Maria** Proceedings of the ACM on Programming Languages 2021 / art. 57, 28 p. : ill <https://doi.org/10.1145/3434338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

FuzzSense : Towards A Modular Fuzzing Framework for Autonomous Driving Software

Roberts, Andrew James; Teply, Lorenz; Pese, Mert D.; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian arXiv.org 2025 / arXiv:2504.10717, 6 p. : ill <https://doi.org/10.48550/arXiv.2504.10717>

Future opportunities for systematic AI support in healthcare

Bertl, Markus; Piho, Gunnar; Draheim, Dirk; Ross, Peeter; Pechmann, Ludwig; Bucciarelli, Nicholas; **Sharma, Rahul** Bridging the Gap Between AI and Reality : First International Conference, AISoLA 2023, Crete, Greece, October 23–28, 2023, Selected Papers 2024 / p. 203 - 224 https://doi.org/10.1007/978-3-031-73741-1_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Fürnkranz, Gösta. The quantum internet. Ultrafast and safe from hackers : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:1454.81040>

Gait analysis based approach for Parkinson's disease modeling with decision tree classifiers

Krajuškina, Anna; Nömm, Sven; Toomela, Aaro 2018 IEEE International Conference on Systems, Man, and Cybernetics : SMC 2018, 7–10 October 2018 Miyazaki, Japan 2018 / p. 3720-3725 : ill <https://doi.org/10.1109/SMC.2018.00630>

Gamification as a neuroergonomic approach to improving interpersonal situational awareness in cyber defense

Ask, Torvald F.; Knox, Benjamin James; **Lugo, Ricardo Gregorio**; Hoffmann, Lukas; **Sütterlin, Stefan** Frontiers in education 2023 / art. 988043, 16 p. : ill <https://doi.org/10.3389/educ.2023.988043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Gaps in European Cyber Education and Professional Training WG5 I Education : training, awareness, cyber ranges [Online resource]

Maennel, Olaf Manuel; Csaba, Virag 2018 <https://www.ecs-org.eu/documents/publications/5bf7e01bf3ed0.pdf>

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](#)

Generalized association rule mining – dimensional unsupervised learning = Üldistatud assotsiatsioonireeglite kaevandamine – dimensiooniline juhendamata õpe

Kaushik, Minakshi 2024 https://www.ester.ee/record=b5652676*est <https://digikogu.taltech.ee/et/Item/b3fc493d-b245-43e2-bd37-87d749cca028> <https://doi.org/10.23658/taltech.6/2024>

A generalized control paradigm for storage systems : optimal energy management and stability certificates

Chowdhury, Nilanjan Roy; Baimel, Dmitry; **Belikov, Juri**; Levron, Yoash IEEE Transactions on Control Systems Technology 2023 / p. 2920-2927 <https://doi.org/10.1109/TCST.2023.3269808> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Generalized Jeffrey conditionalization : a frequentist semantics of partial conditionalization

Draheim, Dirk 2017 <https://doi.org/10.1007/978-3-319-69868-7>

Generating representative executions : extended abstract

Maarand, Hendrik; **Uustalu, Tarmo** 10th Workshop on Programming Language Approaches to Concurrency- and Communication-cEntric Software : PLACES 2017 : Uppsala, Sweden, 29 April 2017 2017 / p. 39-48 : ill <https://doi.org/10.4204/EPTCS.246.8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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](#)

Generic federated OOP architecture (1st version) : The Once-Only Principle Project [Online resource]

Tepandi, Jaak; Verhoosel, Jack P. C.; Zeginis, Dimitris; **Täks, Ermo** 2017

Generic federated OOP architecture (3rd version) : The Once-Only Principle Project [Online resource]

Grandry, Eric; Fieten, Sander; **Tepandi, Jaak**; **Täks, Ermo** 2018 http://toop.eu/sites/default/files/D23_Generic_Federated_OOP_Architecture_3rd_version.pdf

A generic framework for collective intelligence systems = Kollektiivse intelligentsuse süsteemide üldine raamistik

Suran, Shweta 2022 <https://doi.org/10.23658/taltech.15/2022> <https://digikogu.taltech.ee/et/Item/3e5b1767-badd-4d53-ac11-8e61cc7f8e09> https://www.ester.ee/record=b5498851*est

Genius Tšehhimaalt

Luczkowski, Teodor Tehnikamaailm 2017 / lk. 88 : fot http://www.ester.ee/record=b1073050*est https://artiklid.elnet.ee/record=b2825996*est

Geolocation of Tor hidden services : initial results [Online resource]

Gunn, Lachlan J.; **Pikker, Heiki**; **Maennel, Olaf Manuel**; Allison, Andrew; Abbot, Derek Proceedings of the 3rd Interdisciplinary Cyber Research Workshop 2017 : 8th of July 2017 2017 / p. 67-69 : ill https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/crw2017_final.pdf

A geometric approach to position tracking control of a nonholonomic planar rigid body : case study of an underwater vehicle

Simha, Ashutosh; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2020 / p. 215-227 : ill <https://doi.org/10.3176/proc.2020.3.05> https://kirj.ee/public/proceedings_pdf/2020/issue_3/proc-2020-3-215-227.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geoprocess of geospatial urban data in Tallinn, Estonia

Eslamirad, Nasim; De Luca, Francesco; **Lylykangas, Kimmo Sakari**; **Ben Yahia, Sadok** Data in brief 2023 / art. 109172, 13 p. :

ill <https://doi.org/10.1016/j.dib.2023.109172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ghinea, D. ; Goyal, V.; Liu-Zhang, C-D. Ground-optimal Byzantine agreement : 41st Annual International Conference on the Theory and Applications of Cryptographic Techniques, EUROCRYPT 2022 Trondheim 30 May 2022 through 3 June 2022 : [review]

Henno, Jaak Zentralblatt MATH 2022 / 1 p <https://zbmath.org/pdf/1497.94091.pdf>

Ghinea, Diana; Goyal, Vipul; Liu-Zhang, Chen-Da. Round-optimal Byzantine agreement : [review]

Henno, Jaak zbMATH Open 2022 / p. 1 <https://zbmath.org/pdf/1497.94091.pdf>

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>

Ghost protocol – Snapchat as a method of surveillance

Matthews, Richard; Lovell, Kieren Nicolas; Sorell, Matthew Forensic Science International : Digital Investigation 2021 / art. 301112
<https://doi.org/10.1016/j.fsidi.2021.301112> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 linearization approach to nonlinear control systems : a brief tutorial overview

Belikov, Juri; Kaldmäe, Arvo; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2017 / p. 243-263
<https://doi.org/10.3176/proc.2017.3.01> http://www.eester.ee/record=b2355998*est https://artiklid.elnet.ee/record=b2824300*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Global rush for standards in blockchain

Osula, Anna-Maria Directions : Cyber Digital Europe 2020 [Global rush for standards in blockchain](#)

Globalization and education

Jaakkola, Hannu; Henno, Jaak; Mäkelä, Jukka 2024 47th MIPRO ICT and Electronics Convention (MIPRO) 2024 / p. 724 - 729
<https://doi.org/10.1109/MIPRO60963.2024.10569521> [Article at Scopus](#)

GNSS-based water vapor for the global climate observing system

Dick, G.; Jones, J.; Wang, K.; Rannat, Kalev IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-0463
<http://iugg2019montreal.com/abstract-book.html>

Golbaghi, F. K.; Eslahchi, M. R.; Rezghi, M. Image denoising by a novel variable-order total fractional variation model : [review]

Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A1472.94006>

Gone phishin' (but not to jail) [Online resource]

Mäses, Sten; Kikerpill, Kristjan Proceedings of the 3rd Interdisciplinary Cyber Research Workshop 2017 : 8th of July 2017 2017 / p. 29-30 https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/crw2017_final.pdf

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](#)

Gravitationally inspired search algorithm for solving agent tasks

Spitšakova, Margarita Baltic journal of modern computing 2017 / p. 87-106 : ill <http://doi.org/10.22364/bjmc.2017.5.1.06>

Guest Editorial

Jallouli, Rim; Tobji, Mohamed Anis Bach; Piho, Gunnar; McHeick, Hamid Journal of Telecommunications and the Digital Economy 2022 / p. 1-5 <https://doi.org/10.18080/jtde.v10n2.590> [Journal metrics at Scopus](#) [Article at Scopus](#)

Guest editorial: Smart cities 2.0 : how artificial intelligence and internet of things are transforming urban living

Chai, Zheng-Yi; Shah, Syed Attique; **Draheim, Dirk**; Hameed, Sufian; Rathore, Muhammad Mazhar Ullah IET Smart Cities 2024 / p. 129-131 <https://doi.org/10.1049/smc2.12091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Gunnar Piho : tehnikauilukoolil on kindlad ülesanded Eesti ees [Võrguväljaanne]

Piho, Gunnar err.ee 2020 / fot [Gunnar Piho: tehnikauilukoolil on kindlad ülesanded Eesti ees](#)

Gunshot acoustic event identification and shooter localization in a WSN of asynchronous multichannel acoustic ground sensors

Astapov, Sergei; Berdnikova, Julia; Ehala, Johannes; Kaugerand, Jaanus; Preden, Jürjo-Sören Multidimensional systems and signal processing 2018 / p. 563-595 : ill <https://doi.org/10.1007/s11045-017-0479-7> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Gusev, Sergey V. Varieties of aperiodic monoids with central idempotents whose subvariety lattice is distributive
Monatsh. Math. 201, 79-108 (2023) : [review]

Henno, Jaak zbMATH Open 2023 / 1 p. <https://zbmath.org/1512.20191>

Gusev, Sergey V. ; Vernikov, Boris M. Two weaker variants of congruence permutability for monoid varieties
Semigroup Forum 103, No. 1, 106-152 (2021) : [review]

Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1484.20100>

Hacking on the high seas: How automated reverse-engineering can assist vulnerability discovery of a proprietary communication protocol

Visky, Gabor; Rohl, Alexander; **Vaarandi, Risto**; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE 49th Conference on Local Computer Networks (LCN) 2024 / 7 p <https://doi.org/10.1109/LCN60385.2024.10639746>

Hajusa elektritootmise populaarsus võib tõugata elektrivõrgud surmaspiraali

Belikov, Juri novaator.err.ee 2024 [Hajusa elektritootmise populaarsus võib tõugata elektrivõrgud surmaspiraali](#)

Han, Bin Bin; Zhang, Wen Ting; Li, Jian Rong Finite basis problem for the variety generated by all monoids of order five
Commun. Algebra 51, 424-439 (2023) : [review]

Henno, Jaak zbMATH Open 2023 / 1 p. <https://zbmath.org/1512.20192>

Handbook of cognitive mathematics ed. by Marcel Danesi

Haydon, Nathan Joseph Transactions of the Charles S Peirce Society 2023 / p. 243 - 248 <https://doi.org/10.2979/csp.2023.a906863>
[Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Harnessing graph neural networks to predict international trade flows

Sellami, Bassem; Ounoughi, Chahinez; Kalvet, Tarmo; Tiits, Marek; Rincon-Yanez, Diego Big Data and Cognitive Computing 2024 / art. 65 <https://doi.org/10.3390/bdcc8060065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hash-based server-assisted digital signature solutions = Räsifunktsioonidel põhinevad serveri toega digitaalse signeerimise lahendused

Truu, Ahto 2020 <https://digikogu.taltech.ee/et/Item/a972cc4b-53ec-4c82-8de0-b3e941cce345>

Hashuga, Mara; Herbine, Megan; Jensen, Alatheia Numerical semigroups generated by quadratic sequences
Semigroup Forum 104, 330-357 (2022) : [review]

Henno, Jaak zbMATH Open 2023 / 1 p. <https://zbmath.org/1515.20296>

Hea teadustava

2017 http://www.ester.ee/record=b4761000*est https://www.eetika.ee/sites/default/files/www_ut/hea_teadustava_trukis.pdf

Health Sense: universaalse andmemudeli ja raviteekondade järjepidevuse standardi väljatöötamine lähtudes rahvusvahelistest uue põlvkonna terviseinfosüsteemide standarditest

Ross, Peeter; Metsallik, Janek; Kankainen, Kristian Juha Ismo; Bossenko, Igor; Mäe, Carmen; Maasik, Mall 2023

<https://digikogu.taltech.ee/et/Item/161b7131-f2f4-4022-9d6e-c50fde38b224> <https://zenodo.org/records/14599236>

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

Iliste, Elisa; Lomp, Siim; Pikas, Ergo; Arumägi, Endrik; Hallik, Jaanus; Õiger, 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> [Conference proceedings at Scopus](#)
[Article at Scopus](#)

Heightened cyber vulnerability to patients with cardiac implantable electronic devices

Torgersen, Leanne N.S.; Whitaker, Rupert E.D.; **Lugo, Ricardo Gregorio; Sütterlin, Stefan**; Schulz, Stefan M. HCI International 2023 Posters : 25th International Conference on Human-Computer Interaction, HCI 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2023 / p. 519-528 https://doi.org/10.1007/978-3-031-35989-7_66 [Conference Proceedings at scopus](#) [Article at Scopus](#)

Hele-Mai Haav: masinkoodist tehisintellektini

Haav, Hele-Mai Võrumaa Teataja 2024 / lk. 6 <https://dea.digar.ee/article/vorumaateataja/2024/11/07/10.2>

Hello, World : artificial intelligence and its use in the public sector [Online resource]

Berryhil, Jamie; Kok Heang, Kevin; Clogher, Rob; **McBride, Keegan David Braun** 2019 <https://doi.org/10.1787/726fd39d-en>

Hemelaer, Jens ; Rogers, Morgan. Solution to a problem of FitzGerald. Semigroup Forum 103, No. 1, 153-164 (2021).

Henno, Jaak zbMATH Open 2022 / 2 p. <https://zbmath.org/1484.20111>

Hiai, Fumio. Matrix analysis and quantum information : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=1390.15075>

Hierarchical optimization configuration strategy of synchronous condenser in high penetration wind power sending systems

Sun, Zhenglong; Qiao, Jianhua; Meng, Xin; Pan, Chao; Li, Zewei; **Belikov, Juri**; Levron, Yoash Electronics (Switzerland) 2024 / art. 4359 <https://doi.org/10.3390/electronics13224359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hierarchical regions of interest

Järv, Priit; Tammet, Tanel; Tall, Marten 2018 IEEE 19th International Conference on Mobile Data Management : MDM 2018, 26–28 June 2018, Aalborg University, Denmark : proceedings 2018 / p. 86-95 <https://doi.org/10.1109/MDM.2018.00025>

High precision parabolic quantum wells grown using pulsed analog alloy grading technique: Photoluminescence probing and fractional-dimensional space approach

Karaliunas, Mindaugas; Dudutiene, Evelina; Čerškus, Aurimas; Pagalys, Justas; Pūkiene, Simona; **Udal, Andres**; Butkute, Renata; Valušis, Gintaras Journal of luminescence 2021 / art. 118321, 9 p <https://doi.org/10.1016/j.jlumin.2021.118321> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High reliability leadership : a conceptual framework

Martinez-Corcoles, Mario Journal of contingencies and crisis management 2018 / p. 237-246 <https://doi.org/10.1111/1468-5973.12187>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Higher-dimensional subdiagram matching

Hadzihasanovic, Amar; Kessler, Diana-Maria 2023 38th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS) : Boston, MA, USA : 26-29 June 2023 2023 / 13 p <https://doi.org/10.1109/LICS56636.2023.10175726> [Conference Proceedings at Scopus](#)
[Article at Scopus](#) [Article at WOS](#)

High-level axioms for graphical linear algebra

Paixao, Joao; Rufino, Lucas; **Sobocinski, Pawel Maria** Science of computer programming 2022 / art. 102791 ; 26 p
<https://doi.org/10.1016/j.scico.2022.102791> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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 III, Richard Michael; 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](#)

Hoonete turvaklassid ja optimaalsed turvalahendused: Arendusuuring RKAS metoodika väljatöötamiseks

Loik, Ramon; **Savimaa, Raul**; Kutsar, Tõnu; Juurvee, Ivo; Tabur, Lauri; Sinisaar, Andres 2020 https://rkaskonverents.ee/wp-content/uploads/2020/11/Hoonete_turvaklassid_ja_Optimaalsed_turvalahendused_1_Ramon_Loik.pdf

How can agents help in designing complex systems?

Taveter, Kuldar; Meriste, Merik Journal of telecommunication, electronic and computer engineering 2017 / p. 1-8 : ill

How do NATO members define cyber operations?

Arik, Marko HCI International 2023 – Late Breaking Posters |b 25th International Conference on Human-Computer Interaction, HCII 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2024 / p. 8-14 https://doi.org/10.1007/978-3-031-49212-9_2 [Conference proceedings at Scopus](#) [Article at Scopus](#)

How does context influence music preferences : a user-based study of the effects of contextual information on users' preferred music

Ben Sassi, Imen; Ben Yahia, Sadok Multimedia Systems 2021 / p. 143–160 <https://doi.org/10.1007/s00530-020-00717-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How domain engineering can help to raise adoption rates of artificial intelligence in healthcare

Bertl, Markus; Klementi, Toomas; Piho, Gunnar; Ross, Peeter; Draheim, Dirk Information Integration and Web Intelligence, 25th International Conference, iiWAS 2023, Denpasar, Bali, Indonesia, December 4–6, 2023 : proceedings 2023 / p. 490-504 https://doi.org/10.1007/978-3-031-48316-5_1 [Conference proceedings at Scopus](#) [Article at Scopus](#)

How owl almost ruined hybrid learning - hybrid classroom technical example from vocational school

Püvi, Silver; Lorenz, Birgy; Tani, Sigrid Ester ICEM 2022 Conference Polytechnic of Santarém, Portugal from 12 - 14 October 2022. "Moving on towards 'new normal' in education". 2022 / p. [?] <https://icem2022.ipsantarem.pt/parallel-sessions/>

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 the apriori algorithm can help to find semantic duplicates in ontology

Astrova, Irina; Koschel, Arne; Lee, Su Ling Knowledge-Based Software Engineering: 2020 : Proceedings of the 13th International Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2020), Larnaca, Cyprus, August 24-26, 2020 2020 / p. 178-191 https://doi.org/10.1007/978-3-030-53949-8_16

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 select and weight context dimensions conditions for context-aware recommendation?

Zammali, Saloua; Ben Yahia, Sadok Expert Systems with Applications 2021 / art. 115176 <https://doi.org/10.1016/j.eswa.2021.115176> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How to select time series databases for an insurance company?

Astrova, Irina; Koschel, Arne; Alsleben, Stephan Tobias; Bellok, Jannis T.; Meyer, Niklas; Meyer, Sebastian; Pakosch, Anna 14th International Conference on Information, Intelligence, Systems and Applications, IISA 2023 2023 / 8 p. <https://doi.org/10.1109/IISA59645.2023.10345871>

Huang, Jie; Chen, Ke-Han; Wang, Jin-Ju; Yan, Wen. Hyperspectral image denoising via weighted double sparsity total variation and low-rank representation : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1546.94003>

The human factor in cyber security education : editorial

Lugo, Ricardo Gregorio; Sütterlin, Stefan; Knox, Benjamin James; Bukauskas, Linas; Brilingaitė, Agnė; Maennel, Olaf Manuel Frontiers in education 2023 / art. 1277282, 2 p <https://doi.org/10.3389/feduc.2023.1277282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Ask, Torvald F.; Lugo, Ricardo Gregorio; Knox, Benjamin James; 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](#)

Hüperspektraalsensoorika rakendamise militaarobjektide signatuuri tuvastamiseks ja varjamiseks

Jürise, Martin; Udal, Andres; Kaugerand, Jaanus Sõjateadlane = Estonian journal of military studies 2018 / lk. 150–170 : ill https://www.ksk.edu.ee/wp-content/uploads/2019/02/06_jyrise.pdf https://artiklid.elnet.ee/record=b2872674*est

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

Guerra Manzanares, Alejandro; Bahsi, Hayreddin; 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>

Hyperspectral camera with polarized filter as modern supersensor device for cyber-physical systems [Online resource]

Jürise, Martin; Udal, Andres; Kaugerand, Jaanus; Sell, Raivo BEC 2018 : 2018 16th Biennial Baltic Electronics Conference

(BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill

<https://doi.org/10.1109/BEC.2018.8600957>

Identification of drivable road area from orthophotos using a convolutional neural network

Riid, Andri; Pihlak, Rene; Liinev, Raul 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 :

proceedings 2020 / 5 p. : ill <https://doi.org/10.1109/BEC49624.2020.9277392>

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 obstacles of PQC migration in e-Estonia

Vakarjuk, Jelizaveta; Snetkov, Nikita; Laud, Peeter 2024 16th International Conference on Cyber Conflict: Over the Horizon

(CyCon) 2024 / p. 63-81 <https://doi.org/10.23919/CyCon62501.2024.10685570> [Article at Scopus](#)

ID-kaardi kaasuse õppetunnid [Võrguteavik]

2018 https://www.ria.ee/sites/default/files/content-editors/EID/id-kaardi_oppetunnid.pdf

ID-kaart ning e-riigi bioloogia

Tammet, Tanel Postimees 2017 / lk. 18 [Tanel Tammet : id-kaart ning e-riigi bioloogia](#) <https://dea.digar.ee/article/postimees/2017/09/20/17.1>

<https://arvamus.postimees.ee/4248607/tanel-tammet-id-kaart-ning-e-riigi-bioloogia>

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>

Impact assessment of cyber actions on missions or business processes : a systematic literature review

Bahsi, Hayretadin; Udokwu, Chibuzor; Tatar, Unal; Norta, Alexander Proceedings of the 13th International Conference on Cyber Warfare and Security, ICCWS 2018 : National Defence University, Washington DC, USA, 6-9 March 2018 2018 / p. 11-20 : ill

<http://toc.proceedings.com/38822webtoc.pdf>

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 e-court systems implementation : a case study

Ahmed, Rozha Kamal; Muhammed, Khder Hassan; Pappel, Ingrid; Draheim, Dirk Transforming Government : People, Process and Policy 2021 / p. 108-128 : ill <https://doi.org/10.1108/TG-01-2020-0008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of perceived security on intention to use E-learning among students

Farooq, Ali; Ahmad, Farhan; Khadam, Nyla; Lorenz, Birgy; Isoaho, Jouni Proceedings IEEE 20th International Conference on Advanced Learning Technologies, ICALT 2020 : 6–9 July 2020, Online 2020 / p. 360-364

<https://doi.org/10.1109/ICALT49669.2020.00115>

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

Belikov, Juri; Köse, Ahmet; Petlenkov, Eduard; Tepljakov, 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 intensity ratio between vowels and voiceless plosives on the intelligibility of sung text

Vurma, Allan; Meister, Einar; Meister, Lya; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS), Prague 2023 2023 / p. 684-688 https://www.internationalphoneticassociation.org/icphs-proceedings/ICPhS2023/full_papers/433.pdf

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](#)

Implementation and evaluation of the DAOM framework and tool support for designing blockchain decentralized applications

Udokwu, Chibuzor; Brandtner, Patrick; Norta, Alexander; Kormiltsõn, Aleksandr; Matulevičius, Raimundas International journal of law and information technology 2021 / p. 2245–2263 : ill <https://doi.org/10.1007/s41870-021-00816-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Implementation of a radiology speech recognition system for Estonian using open source software

Alumäe, Tanel; Paats, Andrus; Fridolin, Ivo; Meister, Einar 18th Annual Conference of the International Speech Communication Association (INTERSPEECH 2017) : Situated Interaction : Stockholm, Sweden, 20 - 24 August 2017 2017 / p. 2168-2172 : ill <http://doi.org/10.21437/Interspeech.2017-928> <http://toc.proceedings.com/36411webtoc.pdf>

Implementation of a radiology speech recognition system for Estonian using open source software [online resource]

Alumäe, Tanel; Paats, Andrus; Fridolin, Ivo; Meister, Einar INTERSPEECH 2017 : SITUATED INTERACTION, 20–24 August 2017 Stockholm, Sweden : book of abstracts 2017 / p. 165 https://www.isca-speech.org/archive/Interspeech_2017/booklet.pdf <http://doi.org/10.21437/Interspeech.2017-928>

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 e-invoicing principles in Estonian local governments

Pappel, Ingrid; Pappel, Ingmar; Tampere, Terje; Draheim, Dirk Proceedings of the 17th European Conference on Digital Government (ECDG) : Military Academy, Lisbon, Portugal, 12-13 June 2017 2017 / p. 127-135 : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85028462055&partnerID=40&md5=90db5a1632aa8070dc9d7ae92357ae5f>

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 of series resonance-based fault current limiter for enhanced transient stability of grid-connected photovoltaic farm

Demin, Slava; Barbie, Eli; Heistrene, Leena; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash; Baimel, Dmitry Electronics (Switzerland) 2024 / art. 2987 <https://doi.org/10.3390/electronics13152987> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improved fractional open circuit voltage MPPT methods for PV systems

Baimel, Dmitry; Tapuchi, Saad; Levron, Yoash; Belikov, Juri Electronics 2019 / art. 321 <https://doi.org/10.3390/electronics8030321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving and measuring learning effectiveness at cyber defense exercises

Maennel, Kaie; Ottis, Rain; Maennel, Olaf Manuel Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8-10, 2017 : proceedings 2017 / p. 123-138 : ill https://doi.org/10.1007/978-3-319-70290-2_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Improving Arabic text to image mapping using a robust machine learning technique

Zakraoui, Jezia; Elloumi, Samir; Alja'am, Jihad Mohamad; Ben Yahia, Sadok IEEE Access 2019 / p. 18772 - 18782 : ill <https://doi.org/10.1109/ACCESS.2019.2896713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kormiltsón, 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 IoT security with explainable AI : quantitative evaluation of explainability for IoT botnet detection

Kalakoti, Rajesh; Bahsi, Hayretin; Nömm, Sven IEEE Internet of Things Journal 2024 / p. 18237 - 18254
<https://doi.org/10.1109/IJOT.2024.3360626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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 technical functionality of children's tracking watches

Jennings, Luke; Singh, Inderbir; Sorell, Matthew; **Hovhannisyan, Kristine** Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 57-59
https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Improving transparency and explainability of deep learning based IoT botnet detection using explainable artificial intelligence (XAI)

Kalakoti, Rajesh; Nömm, Sven; Bahsi, Hayretin 22nd IEEE International Conference on Machine Learning and Applications : ICMLA 2023 : 15-17 December 2023, Jacksonville Riverfront, Florida : proceedings (2023) 2023 / p. 595 - 601
<https://doi.org/10.1109/ICMLA58977.2023.00088>

'Impulss' explores the red lines of AI use

Suhhareva, Natalja news.err.ee 2024 ["Impulss" explores the red lines of AI use](#)

"Impulss": kust jooksevad tehisaru kasutamise piirid?

Pihl, Anna err.ee 2024 ["Impulss": kust jooksevad tehisaru kasutamise piirid?](#)

In memoriam : Prof. Ahto Kalja : 24.05.1950 - 22.10.2018

Bubenko, Janis; Solvberg, Arne; Arnicans, Guntis; Borzovs, Juris; Čaplinskas, Albertas; Grundspenķis, Janis; **Haav, Hele-Mai**; Kirikova, Marite; Lupeikiene, Audrone; Matulevičius, Raimundas; **Robal, Tarmo**; Vasilecas, Olegas; Lupeikiene, Audrone
Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. v–vi : phot https://www.ester.ee/record=b5203991*est <http://ebooks.iospress.nl/volume/databases-and-information-systems-x-selected-papers-from-the-thirteenth-international-baltic-conference-dbis-2018>

In pursuit of AI excellence in public employment services : identifying the requirements

Liutkevičius, Markko; Samaranayaka, Piyum; Nömmik, Sander; Ben Yahia, Sadok; Weck, Marina TalTech journal of European studies 2024 / p. 167-189 <https://doi.org/10.2478/bjes-2024-0021> https://www.ester.ee/record=b5290032*est

Increasing citizen participation in e-participatory budgeting processes

Mærøe, Anders Røsten; **Norta, Alexander; Tsap, Valentyna; Pappel, Ingrid** Journal of Information Technology & Politics 2021 / p. 125-147 <https://doi.org/10.1080/19331681.2020.1821421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

In-depth feature selection for the statistical machine learning-based botnet detection in IoT networks

Kalakoti, Rajesh; Nömm, Sven; Bahsi, Hayretin IEEE Access 2022 / p. 94518-94535
<https://doi.org/10.1109/ACCESS.2022.3204001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Individual deep fake recognition skills are affected by viewer's political orientation, agreement with content and device used

Sütterlin, Stefan; Ask, Torvald F.; Mägerle, Sophia; Glöckler, Sandra; Wolf, Leandra; Schray, Julian; Chandi, Alava; Bursac, Teodora; Khodabakhsh, Ali; Knox, Benjamin James Augmented Cognition : 17th International Conference, AC 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23–28, 2023 : proceedings 2023 / p. 269-284 : ill https://doi.org/10.1007/978-3-031-35017-7_18 [Conference proceedings at Scopus](#) [Article at Scopus](#)

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](#)

Influence of content-oriented information management activities on the creation of national memory

Oolu, Karin; **Pappel, Ingrid** Human factors, business management and society : proceedings of the 13th AHFE International Conference on Human Factors, Business Management and Society, New York, USA, July 24-28, 2022 2022 / p. 153–160
<https://doi.org/10.54941/ahfe1002263>

The influence of organic solvents on phenylethylamines in capillary zone electrophoresis

Bolkvadze, Vyacheslav; Bondar, Denys; Vahe, Merike; Halling, Evelin; Gorbatšova, Jelena; Mazina-Šinkar, Jekaterina Journal of chromatography A 2022 / art. 463169, 9 p. : ill <https://doi.org/10.1016/j.chroma.2022.463169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Informaatika ühendab endas kõiki IT võlusid ja võimalusi

delfi.ee 2024 [Informaatika ühendab endas kõiki IT võlusid ja võimalusi](#)

Informaatikaolümpiaad

Truu, Ahto Horisont 2018 / lk. 59 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-6-2018.pdf>

Informaatikavõistlused

Truu, Ahto Horisont 2018 / lk. 56 : fot https://www.ester.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf>
https://artiklid.elnet.ee/record=b2716411*est

Information and interaction

Henno, Jaak Information modelling and knowledge bases XXVIII 2017 / p. 426-449 <https://doi.org/10.3233/978-1-61499-720-7-426>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Infotehnoloogia [Võrguteavik] : turbemeetodid. Infoturbe halduse süsteemid. Ülevaade ja sõnavara = Information technology : security techniques. Information security management systems. Overview and vocabulary (ISO/IEC 27000:2018)

2022 https://www.ester.ee/record=b5487557*est

Innar Liiv: kuidas muuta “Kevade” värviliseks ja Arno DiCaprioks?

Liiv, Innar Trialoog 2025 <https://trialoog.taltech.ee/innar-liiv-kuidas-muuta-kevade-varviliseks-ja-arno-dicaprioks/>

Innar Liiv: millist erakonda valiks ChatGPT?

Liiv, Innar err.ee 2024 [Innar Liiv: millist erakonda valiks ChatGPT?](#)

Innovative energy services based on behavioural-reflective-attributes and intelligent recommendation systems = Arukatel soovitusüsteemidel põhinevad uuenduslikud energiateenused

Onile, Abiodun Emmanuel 2024 https://www.ester.ee/record=b5707376*est <https://digikogu.taltech.ee/et/Item/b717302e-ead7-45c8-b6ea-7ba264519b27> <https://doi.org/10.23658/taltech.62/2024>

Innovative energy services for behavioral-reflective attributes and intelligent recommender system

Onile, Abiodun Emmanuel; Belikov, Juri; Levron, Yoash Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 242-246 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248810>

In-phase matrix profile : a novel method for the detection of major depressive disorder

Uudeberg, Tuuli; Belikov, Juri; Päeske, Laura; Hinrikus, Hiie; Liiv, Innar; Bachmann, Maie Biomedical Signal Processing and Control 2024 / art. 105378 <https://doi.org/10.1016/j.bspc.2023.105378> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Input-output decoupling of discrete-time nonlinear systems by dynamic measurement feedback

Kaldmäe, Arvo; Kotta, Ülle European journal of control 2017 / p. 31-38 : ill <https://doi.org/10.1016/j.ejcon.2016.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 labs for electrical engineering courses in competence based learning environment - practical experience

Jaanus, Martin; Umbleja, Kadri; Udal, Andres; Pärnamets, Kaiser 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/PQ.2019.8818266>

Integration of automated data collection, enrichment and transfer to CAD system in digital tailoring = Informatsiooni automaatse kogumise, rikastamise ja CAD-süsteemile sisestamise meetod digitaalses rätsepakunstis

Elbrecht, Pirjo 2018 <https://digi.lib.ttu.ee/i/?9950> https://www.ester.ee/record=b5056128*est

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 '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 frequency control of AC microgrids with communication delay : an online tuning method subject to stabilizing parameters

Nosrati, Komeil; Škiparev, Vjatšeslav; Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri Energy and AI 2024 / art. 100421

<https://doi.org/10.1016/j.egyai.2024.100421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The intensities of vowels and plosive bursts and their impact on text intelligibility in singinga)

Vurma, Allan; Meister, Einar; Meister, Lya; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri Journal of the Acoustical Society of America 2023 / p. 2653 - 2664 <https://doi.org/10.1121/10.0021968> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interaction laws of monads and comonads

Katsumata, Shin-ya; Rivas, Exequiel; Uustalu, Tarmo arXiv.org 2019 / 28 p. : ill <https://arxiv.org/abs/1912.13477>

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 stereoscopically perceivable multidimensional data visualizations for cybersecurity

Kullman, Kaur; Engel, Don Journal of Defence & Security Technologies 2022 / p. 37-52 <https://doi.org/10.46713/jdst.004.03>

Interactive stereoscopically perceivable multidimensional data visualizations for cybersecurity = Interaktiivsed, ruumiliselt tajutavad, mitmemõõtelised andmekuvad küberturbele

Kullman, Kaur 2023 <https://doi.org/10.23658/taltech.10/2023> <https://digikogu.taltech.ee/et/Item/00f8f848-c610-4843-b829-8f544d7ba775> https://www.ester.ee/record=b5552863*est

Intercomparison and characterization of 23 Aethalometers under laboratory and ambient air conditions : procedures and unit-to-unit variabilities

Cuesta-Mosquera, Andrea; Močnik, Griša; Drinovec, Luka; Müller, Thomas; Cruz Minguillon, Maria; Briel, Björn; Buckley, Paul; Dudoitis, Vadimas; Keernik, Hannes Atmospheric measurement techniques 2021 / p. 3195-3216 <https://doi.org/10.5194/amt-14-3195-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

International information security: Problems and ways of solving them

Krutsikh, Andrei V.; Streltsov, Anatoli A.; Tikk, Eneken Routledge handbook of international cybersecurity 2020 / p. 260-268 <https://doi.org/10.4324/9781351038904-26> https://www.ester.ee/record=b5308475*est

Interoperability of health data using FHIR Mapping Language : transforming HL7 CDA to FHIR with reusable visual components

Bossenko, Igor; Randmaa, Rainer; Piho, Gunnar; Ross, Peeter Frontiers in digital health 2024 / art. 1480600, 25 p. : ill

<https://doi.org/10.3389/fdgth.2024.1480600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interpretable machine learning for heterogeneous treatment effect estimators with Double ML: a case of access to credit for SMEs

Medianovskiy, Kyrylo; Malakauskas, Aidan; Lakstutiene, Ausrine; Ben Yahia, Sadok Procedia computer science 2023 / p. 2163-2172 : ill <https://doi.org/10.1016/j.procs.2023.10.207> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Interpretable machine learning for SME financial distress prediction

Medianovskyi, Kyrylo; Malakauskas, Aidan; Lakstutiene, Ausrine; **Ben Yahia, Sadok** 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 454 - 464 https://doi.org/10.1007/978-3-031-25344-7_42 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Interpretable quantitative description of the digital clock drawing test for Parkinson's disease modelling

Nõmm, Sven; **Mašarov, Ilja**; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1839-1844 : ill
<https://doi.org/10.1109/ICARCV.2018.8581074>

Interpreting the location data extracted from the Apple Health database

Jennings, Luke; **Sorell, Matthew**; Espinosa, Hugo G. Forensic Science International : Digital Investigation 2023 / art. 301504
<https://doi.org/10.1016/j.fsidi.2023.301504>

Introduction

Kerttunen, Mika; **Tikk, Eneken** Routledge handbook of international cybersecurity 2020 / p. 1-8
<https://doi.org/10.4324/9781351038904-1> https://www.ester.ee/record=b5308475*est

Introduction to the first Workshop on Resource Management in Business Processes (REMA 2016)

Cabanillas, Christina; Resinas, Manuel; **Norta, Alexander**; Narendra, Nanjangud C. Business Process Management Workshops : BPM 2016 International Workshops, Rio de Janeiro, Brazil, September 19, 2016 : revised papers 2017 / p. 356-358
<http://dx.doi.org/10.1007/978-3-319-58457-7>

Introductory remarks

Osula, Anna-Maria; **Maennel, Olaf Manuel** Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / lk. 5 https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Irshad, Muhammed Rasheed; Maya, Radhakumari. Nonparametric log kernel estimator of extropy function : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1527.94008>

Is Amazon Kinesis Data Analytics suitable as core for an event processing network model?

Koschel, Arne; **Astrova, Irina**; Pakosch, Anna; Gerner, Christian; Schulze, Christin; Tyca, Matthias Proceedings of the 16th International Conference on Agents and Artificial Intelligence - Volume 3: ICAART, 2024 / p. 1036 - 1043
<https://doi.org/10.5220/0012432800003636> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

IT as a career choice for girls: breaking the (self-imposed) glass ceiling

Lorenz, Birgy; **Kikkas, Kaido**; **Sömer, Tiia** Proceedings of the 20th European Conference on e-Learning, ECEL : a Virtual Conference hosted by University of Applied Sciences HTW, Berlin, Germany, 28-29 October, 2021 2021 / p. 226-274
<https://doi.org/10.34190/EEL.21.022> https://www.academic-bookshop.com/ourshop/prod_7667575-ECEL-2021-Proceedings-of-the-20th-European-Conference-on-eLearning.html

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>

IT juhtimine

Onemar, Ats; **Praust, Valdo**; **Tepandi, Jaak**; **Perens, Algis** 1999 https://www.ester.ee/record=b1313380*est

IT juhtimine

Onemar, Ats; **Praust, Valdo**; **Tepandi, Jaak**; **Perens, Algis** 1999 https://www.ester.ee/record=b1686763*est

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](#)

Iterative optimization of hyperparameter-based metamorphic transformations

Sudheerbabu, Gaadha; Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri**; Porres, Ivan 2024 IEEE International Conference on Software Testing, Verification and Validation Workshops (ICSTW) 2024 / p. 13-20 <https://doi.org/10.1109/ICSTW60967.2024.00016> [Article at Scopus](#) [Article at WOS](#)

IT-teadlane Arvo Kaldmäe: «Teadmatust saab teada!»

Kaldmäe, Arvo postimees.ee 2023 [IT-teadlane Arvo Kaldmäe: «Teadmatust saab teada!»](https://postimees.ee/it-teadlane-arvo-kaldmae-teadmatust-saab-teada)

IT-teadlaste manitsus : enne kui sisestate veebiavarusse oma krediitkaardiandmed, pange tähele...

Lorenz, Birgy; **Kikkas, Kaido** delfi.ee 2022 <https://forte.delfi.ee/artikkel/120110952/it-teadlaste-manitsus-enne-kui-sisestate->

IT-õpe tuleb ülikoolides lõpetada ja keskenduda puidugraanulitele

Rebane, Martin Sirp 2021 / lk. 7 <https://www.sirp.ee/s1-artiklid/c21-teadus/vastukaja-it-ope-tuleb-ulikoolides-lopetada-ja-keskenduda-puidugraanulitele/>

Jantan, Wichayaporn; Jumnonphan, Chinnawat; Jaichot, Natthawut; Chinram, Ronnason. Semigroups in which the radical of every interior ideal is a subsemigroup Quasigroups Relat. Syst. 31, No. 1, 65-74 (2023) : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1512.20202>

Ji, Z; Ren, X.; Wang, Y. Left quasi-abundant semigroups : [review]

Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A7128265>

Joachim Rossihniuse ja Heinrich Stahli perikoopide võrdlus

A comparison of the pericopes of Joachim Rossihnius and Heinrich Stahl

Lohk, Ahti; Ross, Kristiina Emakeele Seltsi aastaraamat 2019 / lk. 65–110 <https://doi.org/10.3176/esa64.03> [https://kirj.ee/the-yearbook-of-the-estonian-mother-tongue-society-publications/?filter\[year\]=2019&filter\[issue\]=370&filter\[publication\]=2952](https://kirj.ee/the-yearbook-of-the-estonian-mother-tongue-society-publications/?filter[year]=2019&filter[issue]=370&filter[publication]=2952) [Article collection metrics at Scopus](#) [Article at Scopus](#)

Jones, Peter R. Varieties of left restriction semigroups : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=06963384>

Julgeolekuohud Balti riikide merealuste ühendustega seotud kriitilisele taristule: Läänemeri hübriidsõja tulipunktis

Muuga, Emilia; Loik, Ramon; Kaup, Georg-Henri; **Savimaa, Raul**; Koort, Erkki 2025 <https://doi.org/10.15158/sra3-5651> <https://digiriul.sisekaitse.ee/handle/123456789/3579> https://www.ester.ee/record=b5731083*est

Juri Belikov: elektritootmise pardikõverast päästavad nutikad algoritmid [Võrguväljaanne]

Belikov, Juri novaator.err.ee 2022 [Juri Belikov: elektritootmise pardikõverast päästavad nutikad algoritmid](#)

Jurisdiction

Svantesson, Dan; **Osula, Anna-Maria** Cybersecurity Law Casebook 2020 2021 / p. 10-14 <https://science.law.muni.cz/knihy/monografie/cybersecurity-casebook.pdf>

Jälitamatu ähvarduse oskab saata ka tudeng

Punamäe, Sander; **Tammet, Tanel** Postimees 2019 / lk. 6 [Jälitamatu pommiähvarduse oskab saata ka tudeng](#)

Jälitatud ja kastistatud : kas sellist maailma tahamegi?

Tammet, Tanel Digi 2018 / lk. 28-29 : fot http://www.ester.ee/record=b2040633*est https://artiklid.elnet.ee/record=b2841830*est

Järelsõna

Tammet, Tanel Gödeli tõestus : koos Kurt Gödeli loenguga matemaatika alustest ja Tanel Tammeti järelsõnaga 2020 / lk. 125–135 https://www.ester.ee/record=b5346988*est

Jüri Vain: tehisintellekt on palju enam kui masinõpe

Vain, Jüri err.ee 2023 [Jüri Vain: tehisintellekt on palju enam kui masinõpe](#)

Kadhim, Samira Naji; Mohammed Ali, Muna Jasim; Atiya, Zainab Abed. A note on S-acts and bounded linear operators : [review]

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=06928962>

Karjäär IT- ja küberturbe valdkonnas – ka tüdrukutele! [Võrguväljaanne]

Lorenz, Birgy opleht.ee 2021 / Lk. 6 ["Karjäär IT- ja küberturbe valdkonnas – ka tüdrukutele!"](#) <https://dea.digar.ee/article/opetajateleht/2021/12/03/7.1>

Kas digiseade teeb nutikaks?

Lorenz, Birgy Õpetajate Leht 2020 / lk. 5 : portr <https://opleht.ee/2020/03/kas-digiseade-teeb-nutikaks/>

Kas IKT-alal loeb vaid kogemus ja ülikooliharidus pole oluline?

Pappel, Ingrid aripaev.ee 2024 [Kas IKT-alal loeb vaid kogemus ja ülikooliharidus pole oluline?](#)

Kas ja kuidas võiks tehisaru Eesti järele maailmakaardile viia? Vastab Tehnikaülikooli uue õppekava autor Ago Luberg

Luberg, Ago digi.geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/kas-ja-kuidas-voiks-tehisaru-eesti-jalle-maailmakaardile-viia-vastab-tehnikaulikooli-uue-oppekava-autor-ago-luberg/> <https://arileht.delfi.ee/artikkel/120382047/kas-ja-kuidas-voiks-tehisaru-eesti-jalle-maailmakaardile-viia-vastab-tehnikaulikooli-uue-oppekava-autor-ago-luberg>

Kas kunstmõistus teab meist kõike ja haarab võimu?

Einama, Kaido; Alumäe, Tanel Arvamus, kultuur : [ajalehe Postimees lisa] postimees.ee 2023 / Lk. 40-41
https://dea.digar.ee/article/ak/2023/12/23/15.1_Kas_kunstmõistus_teab_meist_kõike_ja_haarab_võimu?

Kas nutt taskus teeb nutikaks?

Lorenz, Birgy PISA 2018 Eesti tulemused: Eesti 15-aastaste õpilaste teadmised ja oskused funktsionaalses lugemises, matemaatikas ja loodusteadustes 2019 / p. 116–129 "[PISA2018 tulemused](#)"

Kas sotsiaalmeedia on ohtlikum kui viin, tubakas ja uimastid?

Postimees 2024 / lk. 10-11 https://dea.digar.ee/article/postimees/2024/12/07/12.1_Kas_sotsiaalmeedia_on_ohtlikum_kui_viin_tubakas_ja_uimastid?

Kas tehisintellekt on deemon või ustav abimees, selles on küsimus

Vill, Ants director.ee 2023 [Kas tehisintellekt on deemon või ustav abimees, selles on küsimus](#)

Kas tehismõistus peaks aru andma?

Uustalu, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 66-68 : portr
http://www.ester.ee/record=b1218094*est

Kas tõesti kõik programmeerima?

Taveter, Kuldar Postimees 2017 / lk. 16

Kayal, Suchandan; Balakrishnan, N. Weighted fractional generalized cumulative past entropy and its properties Methodol : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1519.94015>

Keegan McBride : tehnikaülikool ähvardas mind korduvalt vallandada [Võrguväljaanne]

McBride, Keegan David Braun delfi.ee 2020 / fot [Keegan McBride: tehnikaülikool ähvardas mind korduvalt vallandada](#)

Keegan McBride : TTÜ vilepuhuja

Laine, Martin Postimees : 100 nägu 2019 / Lk. 36 : fot <https://www.postimees.ee/100-nagu-2019/6826911/keegan-mcbride-ttu-vilepuhuja>
https://www.ester.ee/record=b1072778*est

Keegan McBride : vastukaja artiklile "Valedega "korruptsiooni" vastu" [Võrguväljaanne]

McBride, Keegan David Braun err.ee 2020 / fot [Keegan McBride: vastukaja artiklile "Valedega "korruptsiooni" vastu" vaata ka: Jaan Raik: valedega "korruptsiooni" vastu \(err.ee 23.01.2020\)](#)

Keeleressursside loomise ja kasutamise seonduvaid isikuandmete kaitse küsimusi

Kelli, Aleksei; Vider, Kadri; Kull, Irene; Siil, Triin; Linden, Krister; Tavast, Arvi; Värvi, Age; Ginter, Carri; **Meister, Einar** Eesti Rakenduslingvistika Ühingu aastaraamat 14 = Estonian papers in applied linguistics 14 2018 / lk. 77-94
http://www.ester.ee/record=b2033361*est <https://doi.org/10.5128/ERYa14.05> [Journal metrics at Scopus](#) [Article at Scopus](#)

Keeletehnoloog: eestikeelse tehispettuse võimalus püsib esialgu väike

Harrik, Airika novaator.err.ee 2023 [Keeletehnoloog: eestikeelse tehispettuse võimalus püsib esialgu väike](#)

Keeletehnoloogia ja eesti keel

Meister, Einar Sõida tasa üle silla : raamat eesti keelest ja meelest 2018 / lk. 223-234 : ill https://www.ester.ee/record=b5154585*est

Kernel density estimation for stochastic modeling of PV power output

Trashchenkov, Sergei; **Pires Pimentel, Sergio; Astapov, Victor**; Annuk, Andres; Marra, Enes Goncalves 2018 7th International Conference on Renewable Energy Research and Applications (ICRERA), October 14-17, 2018, Paris, France 2018 / p. 1179-1183 : ill <http://doi.org/10.1109/ICRERA.2018.8566995>

Kes vastutab, et noored saaksid infoühiskonnas edukalt hakkama?

Poudel, Diana opleht.ee 2024 [Kes vastutab, et noored saaksid infoühiskonnas edukalt hakkama?](#)

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](#)

Key success factors in introducing national e-identification systems

Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 455-471 : ill https://doi.org/10.1007/978-3-319-70004-5_33 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Keyless signature infrastructure and PKI : hash-tree signatures in pre- and post-quantum world

Buldas, Ahto; Laanoja, Risto; Truu, Ahto International journal of services technology and management 2017 / p. 117-130 : ill <https://doi.org/10.1504/IJSTM.2017.10002708> [Journal metrics at Scopus](#) [Article at Scopus](#)

Kitsaskohti andmekaitse rakendamisel koolides [Võrguväljaanne]

Lorenz, Birgy; Kikkas, Kaido; Baum, Anu; Metsäär, Tõnu oleht.ee 2021 ["Kitsaskohti andmekaitse rakendamisel koolides"](#)

Kline, Ronald R. The cybernetics moment or why we call our age the information age New Studies in American Intellectual and Cultural History : [review]

Zentralblatt MATH 2018 / [1] p <https://zbmath.org/?q=06838907>

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](#)

Kogukondlik haldus ja kohalik omavalitsus – side ajalooga teel tulevikku

Lääne, Sulev; Lepik, Katri-Liis; Liiv, Innar; Mäeltsemees, Sulev; Lõhmus, Mikk; Trei, Jan; Ratas, Jüri Riigikogu Toimetised 2023 / lk. 29-64 : ill <https://rito.riigikogu.ee/wordpress/wp-content/uploads/2023/12/RiTo-48-1.pdf>

Kolmas kvantrevolutsioon: kvantarvutite tulekuga kaasnevad probleemid ja võimalused

Udal, Andres Pikksilm : ülevaade valitud trendidest 2020 / 8 lk https://www.ester.ee/record=b4815518*est <https://www.riigikogu.ee/arenguseire/publikatsioonid/>

Kool, kus ka õpetajad ise õpivad

Lorenz, Birgy; Tiit, Tiina Õpetajate Leht 2022 / Lk. 6-7 <https://dea.digar.ee/article/opetajateleht/2022/03/18/7.2>

KronoDroid : time-based hybrid-featured dataset for effective android malware detection and characterization

Guerra Manzanares, Alejandro; Bahsi, Hayrettin; Nömm, Sven Computers & Security 2021 / art. 102399, 32 p <https://doi.org/10.1016/j.cose.2021.102399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kuidas Facebooki kuritarvitada?

Tammet, Tanel Postimees 2018 / AK, lk. 14 [Tanel Tammet: kuidas Facebooki kuritarvitada?](#)

Kuidas koolitada pea ja kätega spetsialiste?

Piho, Gunnar Mente et Manu 2021 / lk. 4-6 : fot https://www.ester.ee/record=b1242496*est

Kuidas me Pelgulinna gümnaasiumis online-veebitunde anname

Lorenz, Birgy; Tiit, Tiina Õpetajate Leht 2020 / Lk. 6 <https://dea.digar.ee/article/opetajateleht/2020/12/11/7.1>

Kuidas mõõta väsimust? TalTechi magistrant Ain-Joonas Toose kirjutas sellest lõputöö ja pakkus lahenduse

digi.geenius.ee 2023 [Kuidas mõõta väsimust? TalTechi magistrant Ain-Joonas Toose kirjutas sellest lõputöö ja pakkus lahenduse](#)

Kuidas mõõta väsimust? Tehnikaülikooli magister pakub selleks välja ühe täiesti uutmoodi lahenduse

postimees.ee 2023 [Kuidas mõõta väsimust? Tehnikaülikooli magister pakub selleks välja ühe täiesti uutmoodi lahenduse](#)

Kuidas ära tunda adjektiivi? Korpuskäitumise mustrite analüüs

Tuulik, Maria; Vainik, Ene; Paulsen, Geda; Lohk, Ahti Eesti Rakenduslingvistika Ühingu aastaraamat 2022 = Estonian papers in applied linguistics 2022 2022 / lk. 279-302 <https://doi.org/10.5128/ERYa18.16> https://www.ester.ee/record=b2033361*est

Kumb on arukam, kas inimaru või tehizaru?

levila.ee 2023 <https://www.levila.ee/raadio/tuhi-eeter/kumb-on-arukam-kas-inimaru-voi-tehizaru>

Kus on meie noored kübertalendid?

Lorenz, Birgy Äripäev 2019 / lk. 12

Kust tuli 60 000 uut e-häält riigikoguvalimistel?

Mölder, Martin; Tammet, Tanel Postimees 2023 / Lk. 14 [Kust tuli 60 000 uut e-häält riigikoguvalimistel?](#) <https://dea.digar.ee/article/postimees/2023/10/20/13.2>

Kuula: 26.01 Algorütm : Kas AI aeg on NÜÜD lõpuks käes?

Tammet, Tanel digipro.geenius.ee 2023 [Kuula: 26.01 Algorütm : Kas AI aeg on NÜÜD lõpuks käes?](#)

Kvantitatiivne vaade Uue Testamendi 1630.-1730. aastate tõlgetele

Viht, Annika; **Lohk, Ahti** Emakeele Seltsi aastaraamat 2022 / lk. 169-194 <https://doi.org/10.3176/esa67.09> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kõnekorpusarendus

Meister, Einar 16. rakenduslingvistika kevadkonverents Keel kui Ökosüsteem : 20.-21. aprill 2017, Tallinn : teesid = EAAL 16th Annual Conference Language as an Ecosystem : April 20-21, 2017, Tallinn, Estonia : abstracts 2017 / lk. 17
<https://www.rakenduslingvistika.ee/wp-content/uploads/2016/04/Teesid-2017-3.pdf> <https://entu.keeleressursid.ee/api2/file-14942>

Kõnetehnoloogia- ja foneetikauuringutest Tallinna Tehnikaülikoolis

Alumäe, Tanel; Meister, Einar Teadusmõtte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 7-20 : ill
https://www.ester.ee/record=b5208765*est

Käändevormist sõnaks : mida näitab sagedus?

Vainik, Ene; Paulsen, Geda; **Lohk, Ahti** Eesti Rakenduslingvistika Ühingu aastaraamat 2021 = Estonian Papers in Applied Linguistics 2021 2021 / lk. 285-307 <https://doi.org/10.5128/ERYA17.16> https://www.ester.ee/record=b2033361*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Küberajateenistus kogub populaarsust

Hurt, Martin; **Sõmer, Tiia** Postimees 2021 / Lk. 14-15 : ill <https://dea.digar.ee/article/postimees/2021/03/18/12.2>

Küberajateenistus kogub populaarsust [võrguväljaanne]

Sõmer, Tiia; Hurt, Martin postimees.ee 2021 <https://leht.postimees.ee/7204011/kuberajateenistus-kogub-populaarsust>

Küberhügieen - tõhus kaitsevahend

Maannel, Kaie Raamatupidamis uudised 2019 / lk. 43-47 : portr https://www.ester.ee/record=b1072822*est

Küberkaitse [Võrguteavik]

Sõmer, Tiia; Lorenz, Birgy; Mäses, Sten; Muulmann, Triin 2019 <https://web.htk.tlu.ee/digitaru/kyberkaitse/>

Kübermaailmas on oluline probleeme ennetada

Sõmer, Tiia Mente et Manu 2017 / lk. 30-33 : fot http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html
https://artiklid.elnet.ee/record=b2811469*est

KüberNööpnõel 2021 : Uuringu analüüs

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei**; Kasvandik, Keit 2022 <https://drive.google.com/file/d/1-fgLvGoTUNSI6KYAfLuF3iZeS4rxARK/view>

KüberNööpnõel 2022 : tulemused

Lorenz, Birgy; Toom, Hanna; Talisainen, Aleksei; Baum, Anu; Eomäe, Taavi 2023
<https://docs.google.com/document/d/1hExVLGR88jwb82mBDKx3LJ2Fexx7uyQjXtUbJxuJts/edit>

KüberPuuring 2021 analüüs : võistlus 7.-12. klassile

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei**; Kikas, Oliver; Rannaste, Katrin; Muulman; **Muulmann, Triin; Baum, Anu** 2022
<https://drive.google.com/file/d/1mV48elbfSbWriYiYdWE8ZEjMs1v8rZQw/view>

Küberpätkel uuring

Lorenz, Birgy; Eomäe, Taavi; Kirma, Catlyn; Poudel, Diana; Talisainen, Aleksei; **Sõmer, Tiia**; Mikli, Aet; Pau, Annika; **Baum, Anu** 2022 https://drive.google.com/file/d/1Aj0jzvd6EZdt_F8AXUQlbpX8Hhvj2dC/view

KüberPätkel uuring : jaanuar 2018

Lorenz, Birgy; Sõmer, Tiia; Osula, Kairi 2018 [Küberpätkel](#)

KüberPätkel uuring : jaanuar 2019

Lorenz, Birgy; Osula, Kairi; **Leet, Mati**; Eomäe, Taavi; Kirma, Catlyn 2019 ["Küberpätkel2019"](#)

KüberPätkel uuring : veebruar 2020

Lorenz, Birgy; Osula, Kairi; Kirma, Catlyn; **Leet, Mati**; Eomäe, Taavi; Hendriskon, Marily; Poudel, Diana; Saks, Hanno; Soop, Tõnu; Mikkli, Aet; Punak, Maarja 2020 ["KüberPätkel uuring : veebruar 2020"](#)

Küberpätkide nõrkuseks võivad osutuda end tõestanud ärimudelid [Võrguväljaanne]

Sõmer, Tiia novaator.err.ee 2022 ["Küberpätkide nõrkuseks võivad osutuda end tõestanud ärimudelid"](#)

Kübersõjas on haavatavad isegi ilma internetiühendusega sihtmärgid

Piir, Rait novaator.err.ee 2024 [Kübersõjas on haavatavad isegi ilma internetiühendusest sihtmärgid](#)

#küberturvalisus. Snapchatis saadetud pildid jäävad tegelikult alles

4JALEHT 2020 / Lk. 12-13 : fot https://www.ester.ee/record=b5352324*est <http://4dimensioon.org/2020/08/30/kuberturvalisus-snapchatis-saadetud-pildid-jaavad-tegelikult-alles/>

Küberturvalisus. Martin Hurt ja Tiia Sõmer: küberajateenistus – küberturbesektori inkubaator?

Hurt, Martin; Sõmer, Tiia Edasi.org : innustav ja hariv ajakiri 2021 ["Küberturvalisus. Martin Hurt ja Tiia Sõmer: küberajateenistus – küberturbesektori inkubaator?"](#)

Küberturvalisus. Tark ei torma: kui midagi on liiga hea, et olla tõsi, siis see ongi nii. Mida teada investeerimiskelmustest [Võrguväljaanne]

Sõmer, Tiia Edasi.org : innustav ja hariv ajakiri 2021 [Küberturvalisus. Tark ei torma: kui midagi on liiga hea, et olla tõsi, siis see ongi nii. Mida teada investeerimiskelmustest](#)

10 põhjust, miks astuda TalTechi IT-teaduskonda

arileht.delfi.ee 2023 [10 põhjust, miks astuda TalTechi IT-teaduskonda](#)

Küsimus ja vastus : kuidas teie koolis koduõpe käib?

Õpetajate Leht 2020 / Lk. 3 : portr https://www.ester.ee/record=b1072753*est

Ian Erik Varatalu: mainekad ettevõtted otsivad doktorikraadiga inimesi

Varatalu, Ian Erik Postimees 2024 / lk. 23 <https://dea.digar.ee/article/postimees/2024/04/20/23.1>

Languages of string diagrams = Nöördiagrammide keeled

Earnshaw, Matthew David 2025 https://www.ester.ee/record=b5728253*est <https://doi.org/10.23658/taltech.2/2025> <https://digikogu.taltech.ee/et/Item/30c6f3d0-9655-483d-bd8d-46a5a68bcede>

Large-scale commonsense knowledge for default logic reasoning

Järv, Priit; Tammet, Tanel; Verrev, Martin; Draheim, Dirk SN Computer Science 2023 / art. 550 <https://doi.org/10.1007/s42979-023-01963-2> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 (SECRYPT 2023). Vol. 1 2023 / p. 724-730 <https://doi.org/10.5220/0012112700003555>

Lean formalization of extended regular expression matching with lookarounds

Zhuchko, Ekaterina; Veanes, Margus; Ebner, Gabriel CPP 2024 - Proceedings of the 13th ACM SIGPLAN International Conference on Certified Programs and Proofs, Co-located with: POPL 2024 2024 / p. 118 - 131 <https://doi.org/10.1145/3636501.3636959> [Article at Scopus](#) [Article at WOS](#)

Learning analytics perspective: evidencing learning from digital datasets in cybersecurity exercises

Maennel, Kaie Proceedings 5th IEEE European Symposium on Security and Privacy Workshops EUROS&PW 2020 : 7-11 September 2020, Virtual Event, Los Alamitos, California 2020 / p. 27-36 <https://doi.org/10.1109/EuroSPW51379.2020.00013>

Learning from few cyber-attacks : addressing the class imbalance problem in machine learning-based intrusion detection in software-defined networking

Mirsadeghi, Seyed Mohammad Hadi; Bahsi, Hayretadin; Vaarandi, Risto; Inoubli, Wissem IEEE Access 2023 / p. 140428 - 140442 <https://doi.org/10.1109/ACCESS.2023.3341755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Lee, E. W. H.; Rhodes, J.; Steinberg, B. Join irreducible semigroups : [review]

Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1483.20089>

Lee, Edmond W. H. A minimal pseudo-complex monoid : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1512.20194>

A legal framework for digital transformation

Ahmed, Rozha Kamal; Muhammed, Khder Hassan; Lips, Silvia; Nyman-Metcalf, Katrin Merike; Pappel, Ingrid; Draheim, Dirk SSRN 2022 / 20 p <https://doi.org/10.2139/ssrn.4182028>

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](#)

Legally enforceable smart-contract languages : a systematic literature review

Dwivedi, Vimal Kumar; **Pattanaik, Vishwajeet;** **Deval, Vipin;** **Dixit, Abhishek;** **Norta, Alexander;** **Draheim, Dirk** ACM computing surveys 2022 / art. 3453475, p. 1–34 <https://doi.org/10.1145/3453475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics 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 legally relevant socio-technical language development for smart contracts = Arukate lepingute jaoks õiguslikult asjakohane sotsiaal-tehniline keelearendus

Dwivedi, Vimal Kumar 2022 <https://doi.org/10.23658/taltech.14/2022> <https://digikogu.taltech.ee/et/Item/f69ec767-0112-4342-9d4c-aceb37502c0b> https://www.ester.ee/record=b5497769*est

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](#)

Lennundusaasta 2016

2017 http://www.ester.ee/record=b1623819*est

Leo Võhandu : matemaatiku laual on teemad sünnitusabist kosmoseni

Võhandu, Leo Mente et Manu 2017 / lk. 10-15 : fot https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html https://artiklid.elnet.ee/record=b2826997*est

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

Let's add highly stressed people to the cyber-physical-social system

Teichmann, Mare; **Ehala, Johannes;** **Kaugerand, Jaanus;** **Meriste, Merik;** **Rannat, Kalev** Proceedings of Conference on Cognitive and Computational Aspects of Situation Management 2023 2024 / p. 54-65 <https://doi.org/10.29007/mzbq> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Leveraging artificial intelligence for microkinematic analysis of fine motor skills in Parkinson's disease detection = Tehisintellekti rakendamise peenmotoorika mikrokinemaatilises analüüsis Parkinsoni tõve tuvastamiseks

Valla, Elli 2025 <https://digikogu.taltech.ee/et/Item/e7c8ea35-6739-43fc-8f24-0c8607c62346> <https://doi.org/10.23658/taltech.26/2025> https://www.ester.ee/record=b5747730*est

Leveraging digital twins and demand side recommender Chatbot for optimizing smart grid energy efficiency

Onile, Abiodun Emmanuel; **Belikov, Juri;** **Petlenkov, Eduard;** **Levron, Yoash** 2023 IEEE PES Innovative Smart Grid Technologies - Asia, ISGT Asia 2023 2023 / 5 p <https://doi.org/10.1109/ISGTAsia54891.2023.10372761>

Leveraging the first line of defense : a study on the evolution and usage of android security permissions for enhanced android malware detection

Guerra Manzanares, Alejandro; **Luckner, Marcin;** **Bahsi, Hayrettdin** Journal of Computer Virology and Hacking Techniques 2022 / 32 p. : ill <https://doi.org/10.1007/s11416-022-00432-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lifting twisted coreflections against delta lenses

Clarke, Bryce James Theory and Applications of Categories 2024 / p. 838 - 877 : ill <http://www.tac.mta.ca/tac/volumes/41/26/41-26abs.html> [Journal metrics at Scopus](#) [Article at Scopus](#)

A lightweight anonymous authentication scheme for secure cloud computing services

Hamami, Hamza; **Ben Yahia, Sadok;** **Obaidat, Mohammad S.** The Journal of Supercomputing 2021 / p. 1693-1713 <https://doi.org/10.1007/s11227-020-03313-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A light-weight CNN model for efficient Parkinsons disease diagnostics

Wang, Xuechao; **Huang, Junqing;** **Chatzakou, Marianna;** **Medijainen, Kadri;** **Taba, Pille;** **Toomela, Aaro;** **Nõmm, Sven;** **Ruzhansky, Michael** 36th IEEE International Symposium on Computer-Based Medical Systems, CBMS 2023, Aquila, 22-24 June 2023 2023 / p. 616-621 <https://doi.org/10.1109/CBMS58004.2023.00289> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A lightweight Mmssage authentication code for virtual work in future smart cities

Pindar, Zahraddeen A.; Fayomi, Joshua O.; **Waziri, Nazir H.**; Abdulhamid, Bala M.; Jamel, Sapiee 2020 IEEE European Technology and Engineering Management Summit (E-TEMS), 5-7 March 2020, Dortmund University of Applied Sciences and Art 2020 / 5 p <https://doi.org/10.1109/E-TEMS46250.2020.9111859>

Lightweight testbed for IEC61162-450-related cyber security research

Visky, Gabor; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE International Conference on Cyber Security and Resilience (CSR) : proceedings 2024 / p. 638-643 <https://doi.org/10.1109/CSR61664.2024.10679439>

“Lihtne TikTok video võib olla sama tõhus kui küberrünnak” TalTechi vanemlektor Adrian Venables räägib hübriidsõja ohtudest

Venables, Adrian Nicholas digi.geenius.ee 2024 [Lihtne TikTok video võib olla sama tõhus kui küberrünnak](#)

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](#)

Linearization of discrete-time control system by state transformation

Mullari, Tanel; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2021 / p. 62–79 <https://doi.org/10.3176/proc.2021.1.09> https://kirj.ee/wp-content/plugins/kirj/pub/proc-1-2021-62-79_20210630094644.pdf?v=a57b8491d1d8 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linking active transactional leadership and safety performance in military operations

Martinez-Corcoles, Mario; Stephanou, Konstantinos Safety science 2017 / p. 93-101 : ill <https://doi.org/10.1016/j.ssci.2017.03.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linnamüra ja liiklusummikud: tark mudel aitab linnastumisest tekkinud probleemidega säästlikult toime tulla

digi.geenius.ee 2023 [Linnamüra ja liiklusummikud: tark mudel aitab linnastumisest tekkinud probleemidega säästlikult toime tulla](#)

Lisamoodulid XV, XVI, XVII, XVIII

Luberg, Ago; **Antoi, Meelis**; **Kivisalu, Einar**; **Lorenz, Birgy** Tarkvaraarendus : informaatika valikkursus ja valikmoodulid gümnaasiumile 2023 <https://web.htk.tlu.ee/digitaru/tarkvara2/>

Lizards in the street! Introducing cybersecurity awareness in a digital literacy context

Frydenberg, Mark; **Lorenz, Birgy** EDSIGCON Proceedings 2019 : Cleveland Ohio, November 6-9, 2019 2019 / Art. n4936, 13 p. : ill <http://proc.iscap.info/2019/pdf/4936.pdf>

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](#)

Liu, Chaoyu; Qiao, Zhonghua; Zhang, Qian. Multi-phase image segmentation by the Allen-Cahn Chan-Vese model : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1545.94010>

Logics of skew categorical structures

Uustalu, Tarmo; **Veltri, Niccolo**; **Wan, Cheng-Syuan** Logic4Peace : fundraising online logic event for peace, April 22-23, 2022 : book of abstracts 2022 / p. 81-82 https://events.illc.uva.nl/Logic4Peace/uploaded_files/inlineitem/slides/Uustalu-et-al_L4P-slides.pdf

Long-term secure commitments via extractable-binding commitments

Buldas, Ahto; Geihs, Matthias; Buchmann, Johannes Information Security and Privacy : 22nd Australasian Conference, ACISP 2017, Auckland, New Zealand, July 3–5, 2017 : Proceedings, Part I 2017 / p. 65-81 https://doi.org/10.1007/978-3-319-60055-0_4 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Long-term secure time-stamping using preimage-aware hash functions : (short version)

Buldas, Ahto; Geihs, Matthias; Buchmann, Johannes Provable Security : 11th International Conference, ProvSec 2017, Xi'an, China, October 23–25, 2017 : proceedings 2017 / p. 251-260 : ill http://doi.org/10.1007/978-3-319-68637-0_15 [Conference proceedings 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>

Lower bound methods for the size of nondeterministic finite automata revisited

Tamm, Hellis; Merwe, Brink van der Language and Automata Theory and Applications : 11th International Conference, LATA 2017,

Umeå, Sweden, March 6-9, 2017 : proceedings 2017 / p. 261-272 https://doi.org/10.1007/978-3-319-53733-7_19 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Lowering financial inclusion barriers with a blockchain-based capital transfer system

Norta, Alexander; Leiding, Benjamin; Lane, Alexi IEEE INFOCOM 2019 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS) 2019 / art. 8845177 ; p. 319-324 <https://doi.org/10.1109/INFCOMW.2019.8845177>

Lowering financial inclusion barriers with a blockchain-based capital transfer system : whitepaper [Online resource]

Lane, Alexi; Leiding, Benjamin; **Norta, Alexander** 2017 <https://crushcrypto.com/wp-content/uploads/2017/09/EVX-Whitepaper.pdf>

Low-resource neural headline generation

Tilk, Ottokar; Alumäe, Tanel Workshop on new frontiers in summarization 2017 2017 / p. 20-26 : ill <http://dx.doi.org/10.18653/v1/W17-4503> <http://www.aclweb.org/anthology/W17-4503>

LSTM-CNN : an efficient diagnostic network for Parkinson's disease utilizing dynamic handwriting analysis

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; Medijainen, Kadri; Toomela, Aaro; **Nömm, Sven**; Ruzhansky, Michael Computer Methods and Programs in Biomedicine 2024 / art. 108066 <https://doi.org/10.1016/j.cmpb.2024.108066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Maailm seisab interneti lõhenemise künnisel

Pau, Aivar LP : Eesti Päevaleht 2020 / Lk. 18-19 <https://dea.digar.ee/article/lp/2020/08/14/20.1> <https://epl.delfi.ee/arvamus/autorikulg-aivar-pau-maailm-seisab-interneti-lohenemise-kunnisel?id=90721549>

Machine learning assisted methodology for multiclass classification of malignant brain tumors

Vidhyarthi, Ankit; Agarwal, Ruchi; Gupta, Deepak; **Sharma, Rahul; Draheim, Dirk**; Tiwari, Prayag IEEE Access 2022 / p. 50624-50640 <https://doi.org/10.1109/ACCESS.2022.3172303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 for android malware detection : mission accomplished? a comprehensive review of open challenges and future perspectives

Guerra-Manzanares, Alejandro Computers and Security 2024 / art. 103654 <https://doi.org/10.1016/j.cose.2023.103654> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Machine learning-based detection and characterization of evolving threats in mobile and IoT Systems =

Masinõppepõhine arenevate ohtude tuvastamine ning kirjeldamine mobiilseadmete ja värkvõrkude jaoks

Guerra Manzanares, Alejandro 2022 <https://doi.org/10.23658/taltech.54/2022> <https://digikogu.taltech.ee/et/Item/f56ae778-e5a5-4147-a8e4-4833e08fa789> https://www.ester.ee/record=b5511898*est

A machine learning-based forensic tool for image classification - a design science approach

Del Mar-Raave, Joanna Rose; Bahsi, Hayretidin; Mrcic, Leo; Hausknecht, Kresimir Forensic Science International : Digital Investigation 2021 / art. 301265, 13 p <https://doi.org/10.1016/j.fsidi.2021.301265> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Maintaining data integrity in electronic health records with hyperledger fabric

Kask, Marten; Klementi, Toomas; Piho, Gunnar; Ross, Peeter HEDA 2023: International Health Data Workshop : 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 2023 <https://ceur-ws.org/Vol-3440/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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 the move to microservice architecture

Koschel, Arne; **Astrova, Irina**; Dötterl, Jeremias International Conference on Information Society (i-Society 2017) 2017 / p. 74-79 : ill <http://doi.org/10.23919/i-Society.2017.8354675>

Maksumaksja rahastab EKRE paranoiat ja eneseuuringuid

Pulk, Meinhard; Alas, Brita-Maria; Altosaar, Aimar Postimees 2023 / Lk. 2 [Maksumaksja rahastab EKRE paranoiat ja eneseuuringuid](#)
[Kuluühvited: maksumaksja rahastab EKRE kinnismõtet ja eneseuuringuid](#)

Malicious accounts detection from online social networks : a systematic review of literature

Ben Sassi, Imen; Ben Yahia, Sadok International Journal of General Systems 2021 / p. 741–814

<https://doi.org/10.1080/03081079.2021.1976773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Management of national eID infrastructure as a state-critical asset and public-private partnership : learning from the case of Estonia

Lips, Silvia; Tsap, Valentyna; Bharosa, Nitesh; Krimmer, Robert Johannes; **Tammet, Tanel; Draheim, Dirk** Information Systems

Frontiers 2023 / p.2439-2456 <https://doi.org/10.1007/s10796-022-10363-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Management of national eID infrastructure as a state-critical asset and public-private partnership : learning from the case of Estonia : [journal article]

Lips, Silvia; Tsap, Valentyna; Bharosa, Nitesh; **Draheim, Dirk;** Krimmer, Robert Johannes; **Tammet, Tanel** SSRN 2022 / 19 p. : ill

<https://doi.org/10.2139/ssrn.4113998>

Manipulation resistant opinion forming in online communities

Müller, Roman Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 26-28

https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

Mapping cyber attacks on the internet of medical things : a taxonomic review

Kondeti, Venkatesh; **Bahsi, Hayret** 19th Annual System of Systems Engineering Conference (SoSE) 2024 / p. 84 - 91

<https://doi.org/10.1109/SOSE62659.2024.10620925> [Article at Scopus](#) [Article at WOS](#)

Mapping requirements specifications into a formalized blockchain-enabled authentication protocol for secured personal identity assurance

Leiding, Benjamin; **Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh

City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 181-196 : ill https://doi.org/10.1007/978-3-319-70004-5_13

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

Mapping the information flows for the architecture of a nationwide situation awareness system : (Poster)

Bahsi, Hayret; Dieves, Veiko; **Kangilaski, Taivo;** Laud, Peeter; **Mõtus, Leo;** Murumets, Jaan; Ploom, Illimar; **Priisalu, Jaan;**

Seeba, Mari; **Täks, Ermo;** Tammel, Kaide; **Tammpuu, Piia;** **Taveter, Kuldar;** Trumm, Avo; Truusa, Tiia-Triin; Vihalemm, Triin

Proceedings 2019 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) :

Las Vegas, NV, USA, 8-11 April 2019 2019 / p. 152–157 <https://doi.org/10.1109/COGSIMA.2019.8724167>

The MAPS foil

Beole, S.; Carnesecchi, F.; Contin, Giacomo; de Oliveira, Rui A.Negrao; Di Mauro, Antonello; Ferry, Serge; Hillemanns, Hartmut;

Junique, Antoine; Kluge, Alexander; Lautner, Lukas; Mager, Magnus; Mehl, Bertrand; **Rebane, Karoliina;** Reidt, Felix; Sanna, I.;

Šuljić, M.; Yüncü, Alperen Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors

and Associated Equipment 2023 / art. 167673 <https://doi.org/10.1016/j.nima.2022.167673> [Journal metrics at Scopus](#) [Article at Scopus](#)

Margolis, Stuart; Saliola, Franco V.; Steinberg, Benjamin Cell complexes, poset topology and the representation theory of algebras arising in algebraic combinatorics and discrete geometry

Henno, Jaak zbMATH Open 2023 / 6 p <https://zbmath.org/07492808>

Maritime cyber-insurance : The Norwegian case : [abstract]

Franke, Ulrik; Langfeldt Friberg, Even; Bahsi, Hayret International Journal of Critical Infrastructures 2022 / p. 267–286

<https://doi.org/10.1504/IJCIS.2022.10046729>

Maritime cyber-insurance: the Norwegian case

Franke, Ulrik; **Friberg, Even Langfeldt; Bahsi, Hayret** International Journal of Critical Infrastructures 2022 / p. 267-286

<https://doi.org/10.1504/ijcis.2022.125816> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Markov chain-based data dissemination protocol for vehicular ad hoc networks

Yeferny, Taoufik; Ben Yahia, Sadok Computer communications 2021 / p. 303–314 : ill <https://doi.org/10.1016/j.comcom.2021.10.001>

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

Martínez-Guerra, Rafael; Montesinos-García, Juan Javier; Flores-Flores, Juan Pablo. Encryption and decryption algorithms for plain text and images using fractional calculus : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1531.94002>

Mashevitzky, G. Identical inclusions of semilattices : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1443.20085>

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](#)

Maximally multi-focused proofs for skew non-commutative MILL

Veltri, Niccolò Logic, Language, Information, and Computation: 29th International Workshop, WoLLIC 2023, Halifax, NS, Canada, July 11–14, 2023 : proceedings 2023 / p. 377-393 https://doi.org/10.1007/978-3-031-39784-4_24 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Measures of Impact and Confounding – An Analysis and Experimental Comparison of Novel and Established Measures = Mõju ja segajate mõõdikud – uute ja väljakujunenud meetmete analüüs ja eksperimentaalne võrdlus

Arakkal Peious, Sijo 2025 https://www.ester.ee/record=b5745850*est <https://digikogu.taltech.ee/et/Item/81726e4a-6f3a-429b-8580-ae7710da881d> <https://doi.org/10.23658/taltech.24/2025>

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 explainability and trustworthiness of power quality disturbances classifiers using XAI - explainable artificial intelligence

Machlev, Ram; Perl, Michael; **Belikov, Juri**; Levy, Kfir; Levron, Yoash IEEE transactions on industrial informatics 2022 / p. 5127–5137 <https://doi.org/10.1109/TII.2021.3126111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, ICISPP : February 25-27, 2020, La Valletta, Malta. Vol. 1 2020 / p. 207-218 : ill <https://doi.org/10.5220/0009187802070218>

Mediated interactions for collection and exchange of situational information in smart environments = Vahendatud interaktsioonid olukorrateadlikkuse informatsiooni kogumiseks ja vahetamiseks arukates keskkondades

Kaugerand, Jaanus 2020 <https://digikogu.taltech.ee/et/Item/67dab11b-894d-4903-b4ff-f4652e58bf81> [TTÜ teadlane pani nutiseadmed omavahel tõhusamalt rääkima \(novaator.err.ee, 16.10.2020\)](#) <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

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](#)

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, HCII 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](#)

Merealune kriitiline taristu hübriidse vaenutegevuse sihtmärgina : Läänemere kaasused ja järeldused Eesti julgeoleku vaatest

Muuga, Emilia; **Loik, Ramon**; **Kaup, Georg-Henri**; **Savimaa, Raul**; **Koort, Erkki** Turvalisuskompass : turvalisuse ja julgeoleku teadusajakiri 2025 / lk. 143-170 <https://doi.org/10.15158/yyy1-2a04> <https://digiriul.sisekaitse.ee/handle/123456789/3603>

Metamorphic testing for verification and fault localization in industrial control systems

Sudheerbabu, Gaadha; Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri** CyberSecurity in a DevOps Environment: From Requirements to Monitoring 2023 / p. 127 - 159 https://doi.org/10.1007/978-3-031-42212-6_5 [Article at Scopus](#)

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 for teaching Open Source Intelligence (OSINT) using personalised cloud-based exercises

Yari, Saber; **Mäses, Sten; Maennel, Olaf Manuel** Proceedings of the 15th International Conference on Cyber Warfare and Security (ICCWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 / p. 480–489
<https://doi.org/10.34190/ICCWS.20.091>

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](#)

Methodology for modelling financially motivated cyber crime

Sõmer, Tiia 16th International Conference on Cyber Warfare and Security (ICCWS 2021) : Online, 25 - 26 February 2021 / p. 326-335 <http://toc.proceedings.com/58552webtoc.pdf?msclid=97ad966dbea311ecb39e14df5abebf21>

Methods and tools for healthcare data anonymization : a literature review

Vovk, Olga; Piho, Gunnar; Ross, Peeter International Journal of General Systems 2023 / p. 326-342 : ill
<https://doi.org/10.1080/03081079.2023.2173749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Migration from HL7 Clinical Document Architecture (CDA) to Fast Health Interoperability Resources (FHIR) in infectious disease information system of Estonia

Bossenko, Igor; Linna, Kerli; Piho, Gunnar; Ross, Peeter SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 882-885 <https://doi.org/10.1145/3555776.3577836>

Miks meil on vaja TI-insenere?

Luberg, Ago Mente et Manu 2025 / lk. 4-5 : fot https://www.ester.ee/record=b1242496*est

Miks on lauldud tekstist keeruline aru saada?

Ross, Jaan Postimees 2024 / lk. 8 <https://dea.digar.ee/article/postimees/2024/05/18/10.3>

Militaarobjektide valvetehnoloogia areng

Udal, Andres; Kaugerand, Jaanus; Savimaa, Raul; Märten, Olev Sõjateadlane = Estonian journal of military studies 2023 / lk. 194-224 : ill [Militaarobjektide valvetehnoloogia areng](#) <https://www.kvak.ee/sojateadlane22/> https://www.ester.ee/record=b4555087*est

Military psychological operations in the digital battlespace : a practical application of the legal framework

Roberts, Anastasia; Venables, Adrian Nicholas CyCon 2024 : Over the Horizon 16th International Conference on Cyber Conflict 2024 / p. 281-296 https://ccdcoe.org/uploads/2024/05/CyCon_2024_Roberts_Venables-1.pdf

Miller, Craig. Ascending chain conditions on right ideals of semigroups : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1512.20203>

Milline tulevik ootab arendajaid, kui tehisintellekt teeb juba täna kuu aja töö ära loetud tundidega?

delfi.ee 2025 <https://arileht.delfi.ee/artikkel/120379022/kuula-milline-tulevik-ootab-arendajaid-kui-tehisintellekt-teeb-juba-tana-kuu-aja-too-ara-loetud-tundidega>

Millist küberstrateegiat Eesti vajab?

Lorenz, Birgy Äripäev 2018 / Lk. 12 <https://dea.digar.ee/article/aripaev/2018/06/22/18.3>

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

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

Minimal output impedance required for stability of grid-supporting inverters

Ofir, Ron; Zargari, Noa; Belikov, Juri; Levron, Yoash IEEE transactions on power delivery 2021 / p. 2241-2244
<https://doi.org/10.1109/TPWRD.2021.3071023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Minimal realizations of nonlinear systems

Kotta, Ülle; Moog, Claude; **Tõnso, Maris** Automatica 2018 / p. 207-212 <https://doi.org/10.1016/j.automatica.2018.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Minimal realizations of nonlinear time-delay systems

Kaldmäe, Arvo; Zbigniew, Bartosiewicz; **Kotta, Ülle;** Wyrwas, Malgorzata IEEE transactions on automatic control 2023 / p. 6766 - 6772 <https://doi.org/10.1109/TAC.2023.3240124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ministeeriumite IKT valdkonna analüüs ja -teenuse osutamise ning arenduste läbiviimise toimetud

Rahandusministeeriumile

Lauk, Mihkel; Küngas, Merle; Kobin, Riin; Mürsepp, Kristi; Sömer, Evar; Normak, Aive; Linros, Janar; Paevere, Ragner; Tapupere, Madis 2023 https://www.fin.ee/sites/default/files/documents/2023-04/IKT%20arenduste%20toimetud%20-%20l%C3%B5pparuanne_0.pdf

Mittelbach, Arno; Fischlin, Marc.The theory of hash functions and random oracles. An approach to modern cryptography.

Henno, Jaak zbMATH Open 2022 / 1 p. <https://zbmath.org/1490.94001>

Mittelineaarsed juhtimissüsteemid

Kotta, Ülle Aastaraamat 2018 / Eesti Matemaatika Selts 2022 / lk. 9-21 <https://matemaatika.eu/aastaraamatud/aastaraamat-2018/>