

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, Małgorzata 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>

Accessibility and system reduction of nonlinear time-delay control systems

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

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](#)

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>

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](#)

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: robotid vallutavad transpordisektorit. Küberturvalisus [Võrguväljaanne]

Venables, Adrian Edasi.org : innustav ja hariv ajakiri 2021 ["Adrian Venables: robotid vallutavad transpordisektorit. Küberturvalisus."](#)

Adrian Venables: veebitsensuuri töus ja selle mõju

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

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>

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

Veski, Andre 2017 <https://digi.lib.ttu.ee/i/?7896>

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

Ago Luberg: kaovad töökohad, mida saab lihtsalt automatiseerida

Luberg, Ago menu.err.ee 2024 [Ago Luberg: kaovad töökohad, 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

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

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

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

#Alväljakutse vallutab Eestit

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

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](#)

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>

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-

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

Roberts, Andrew; 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 The 10th OpenSky Symposium 2022 / art. 18
<https://doi.org/10.3390/engproc2022028018>

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

Päränd, Sven 2018 <https://digi.lib.ttu.ee/i/?9944>

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>

Analysis of national cyber situational awareness practices

Bahsi, Hayretidin 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 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, Hayretidin 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/>

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](#)

Applicability of spiral drawing test for mental fatigue modelling

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

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

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 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 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>

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

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

Application of the 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>

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](#)

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 http://doi.org/10.1007/978-3-319-58460-7_31

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>

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

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

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 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 Mötus

Engelbrecht, Jüri; Mötus, 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>

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 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>

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

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](#)

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>

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

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 postgresSQL database design problems

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

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

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

Autonomous 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, Aleksander; Rozeik, Helena 2019

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>

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>

Ben-Naim, Arie. 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, ICCI 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>

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](#)

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"

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

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

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 2019Trondheim, 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>

BLT+L : efficient signatures from timestamping and endorsements

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

Boolean automata and atoms of regular languages

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

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

Vansovits, Vitali; Petlenkov, Eduard; Tepljakov, Aleksei; 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.zbmh.org/?q=an:07342049>

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

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

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; Vakariuk, 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>

Calculational proofs in relational graphical linear algebra

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

Calling paradigms and the box calculus

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](#)

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

Capability detection and evaluation metrics for cyber security lab exercises

Caliskan, Emin; Tatar, Unal; **Bahsi, Hayret din; 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, 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

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

Farar, Alexandria Elaine; Bahsi, Hayret din; 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; Priewer, 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 B.; Dreyling, Richard; Pappel, Ingrid 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 88-94

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/ijatcse/2019/0681.42019> [Journal metrics at Scopus](#) [Article at Scopus](#)

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 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. Binarity 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>

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

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

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 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 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/i/?8745>

Combined safety and cybersecurity testing methodology for autonomous driving algorithms

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

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](#)

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; Udál, 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 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>

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

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

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.eester.ee/record=b5353358*est <http://ceur-ws.org/Vol-2668/short2.pdf>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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](#)

Computing data lineage and business semantics for data warehouse

Tomingas, Kalle; Järvi, 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, Hayretin 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=d9349febf052a06c13e3cda8b0f9657b>

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 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)

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](#)

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>

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

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>

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 http://doi.org/10.1007/978-3-319-68953-1_8

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 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>

Coordinated PI-based frequency deviation control of isolated hybrid microgrid : an online multi-agent tuning approach via reinforcement learning

Nosrati, Komeil; Tepljakov, Aleksei; Petlenkov, Eduard; Levron, Yoash; Škiparev, Vjatšeslav; Belikov, Juri 2022 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) : proceedings 2022 / p. 1-5 : ill <https://doi.org/10.1109/ISGT-Europe54678.2022.9960311>

Cornering optics

Boisseau, Guillaume; Nester, Chad Mitchell; Roman Garcia, Mario arXiv.org 2023 / p. 97–110 <https://doi.org/10.4204/EPTCS.380.6>

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>

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 teadmusbasisiga robotiparvede jaoks

Puusepp, Andres 2017 <https://digi.lib.ttu.ee/i/?9124>

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.genius.ee 2023 [COVID-19 andis TalTechi teadlastele tõuke väga olulise teenuse loomiseks](https://ari.genius.ee/COVID-19-andis-TalTechi-teadlastele-touke-vaaga-olulise-teenuse-loomiseks)

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-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&txid=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 (ICISPP), 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, Hayrettdin; Dola, Henry Ochieng; Khalil, Shaymaa Mamdouh; Korötko, Tarmo 2022 17th Annual System of Systems Engineering Conference (SOSE) 2022 / p. 324-331 <https://doi.org/10.1109/SOSE55472.2022.9812642>

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

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; Brilingaitė, Agnė 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, Hayretdin; 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, Hayret**din 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; Snetkov, Nikita; Maennel, Olaf Manuel 2021 IEEE European Symposium on Security and Privacy Workshops EuroS&PW 2021 : Virtual Conference, 6-10 September 2021 : proceedings 2021 / p. 239-249 : ill <https://doi.org/10.1109/EuroSPW54576.2021.00031>

Cybersecurity 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>

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>

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>

Data quality problem in AI-based network intrusion detection systems studies and a solution proposal

Halisdemir, Emre; Karacan, Hacer; Pihelgas, Mauno; Lepik, Toomas; Cho, Sungbaek 14th International Conference on Cyber Conflict : Keep Moving 2022 / p. 367-383 https://ccdcoe.org/uploads/2022/06/CyCon_2022_book.pdf

Data science techniques for cryptocurrency blockchains

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

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/>

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 Smart Grid Technologies Conference Europe (ISGT Europe 2023) : proceedings 2023 / 5 p <https://doi.org/10.1109/ISGTEUROPE56780.2023.10408090>

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>

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](#)

Decomposing comonad morphisms

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

Deductive systems and coherence for skew prounital closed categories

Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 1-19 <https://doi.org/10.48550/arXiv.2101.03809> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article](#)

[at WOS](#)

Deep CNN based classification of the Archimedes spiral drawing tests to support diagnostics of the Parkinson's disease
Nõmm, Sven; Zarembo, Sergei; Medijainen, Kadri; Taba, Pille; Toomela, Aaro IFAC-Papers OnLine 2020 / p. 260-264
<https://doi.org/10.1016/j.ifacol.2021.04.185> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Deep learning for detection of pavement distress using nonideal photographic images
Tepljakov, Aleksei; Riid, Andri; Pihlak, Rene; Vassiljeva, Kristina; Petlenkov, Eduard 2019 42nd International Conference on Telecommunications and Signal Processing (TSP) 2019 / p. 195-200 : ill <https://doi.org/10.1109/TSP.2019.8769086>

Deep learning-based detection of cyberattacks in software-defined networks
Mirsadeghi, Seyed Mohammad Hadi; Bahsi, Hayretidin; Inbouli, Wissem Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 341-354
https://doi.org/10.1007/978-3-031-36574-4_20

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

Demüstifitseerime küberturvalisuse

Sõmer, Tiia Küberturvalisus : Äripäeva lisa 2022 / Lk. 14 "Demüstifitseerime küberturvalisuse" 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](#)

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 B.; 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>

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 / 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 / p. 47-54 : ill <https://doi.org/10.1109/ICEDEG52154.2021.9530937>

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 http://doi.org/10.1007/978-981-10-5427-3_61

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>

Design-time web usability evaluation with guideliner

Makarenikov, 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; Bardoš, 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 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/>

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 (ICWS 2019) : Stellenbosch University, South Africa, 28 February - 1 March 2019 : proceedings 2019 / p. 413-421 <http://toc.proceedings.com/48113webtoc.pdf> "ICWS 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, Kaio; 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 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 polyhedral algebra

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

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

Guerra Manzanares, Alejandro; Bahsi, Hayretidin; Nõmm, Sven 6th International Conference on Internet of Things: Systems, Management and Security (IOTSMS), Granada, Spain, October 22-25, 2019 2019 / art. 8939268, p. 399-404 <https://doi.org/10.1109/IOTSMS48152.2019.8939268>

Differential 2-rigs

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

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>

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, Hayrettdin 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](#)

A digital services course to promote teaching of informatics in Estonia

Kikkas, Kaio; Lorenz, Birgy Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 711-720 https://doi.org/10.1007/978-3-030-68198-2_66 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Digital 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; Zulfigarzada, 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 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>

Dimensionality reduction for machine learning based IoT botnet detection

Bahsi, Hayrettdin; 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 [Võrguväljaanne]

Draheim, Dirk postimees.ee 2022 ["Dirk Draheim: Eesti võib saada tuleviku infoühiskonnas teenäitajaks"](https://postimees.ee/2022/07/11/dirk-draheim-eesti-voib-saada-tuleviku-infouhiskonnas-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>

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, Sabour; Mezni, Haithem; Maddouri, Mondher; Mephu Nguifo, Engelbert Future generation computer

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

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
<http://dx.doi.org/10.1080/00313831.2016.1173094>

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/9eeebbb0-87bf-4171-bc94-0a0dcf74e9fb>

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

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

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](#)

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

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

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

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

Dudek, Wiesław 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 http://doi.org/10.1007/978-3-319-69784-0_33

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>

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>

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>

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, Nataliia; Makhachashvili, Rusudan; **Mosiashvili, Gvantsa**; **Pappel, Ingrid** DHW 2021: Digital Humanities Workshop 2021 / p. 185 - 190 <https://doi.org/10.1145/3526242.3526253> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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 poolsontaanses 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-poolsontaanses-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> <https://www.scopus.com/record/display.uri?eid=2-s2.0-85065259162&origin=inward&txGid=1417368e124c4f0360fce3a783c4a455>

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 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

Eesti võib saada tuleviku infoühiskonnas teenäitajaks

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

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](#) [Estonians withdrew €4 billion in cash from ATMs last year](#) [autor](#)

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

Effects of annotation quality on model performance

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

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

Navon, Aviad; Orda, Ariel; Levron, Yoash; **Belikov, Yuri** 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, Yuri**; Levron, Yoash Energies 2021 / art. 1056, 14 p. : ill <https://doi.org/10.3390/en14041056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

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

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 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>

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](#)

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: 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

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>

Empaatiine suhtlemine meditsiinis - kuidas seda arendada?

Teichmann, Mare Lege Artis : ajakiri Eesti arstidele 2023 / lk. 72-74 <https://www.med24.ee/ajakirjad/legeartis/september-2023/empaatiine-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 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>

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>

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 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 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; Roots, 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>

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 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 elderly speech corpus - design, collection and preliminary acoustic analysis

Meister, Einar; Meister, Lya 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 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 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 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; Bellok, Jannis; Meyer, Niklas; Meyer, Sebastian 2022 13th International Conference on Information, Intelligence, Systems and Applications (IISA) : proceedings 2022 / 6 p. : ill
<https://doi.org/10.1109/IISA56318.2022.9904360>

Evaluation of anonymization tools for health data

Vovk, Olga; Piho, Gunnar; Ross, Peeter Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21-23, 2021 : proceedings 2021 / p. 302-313 https://doi.org/10.1007/978-3-030-87657-9_23 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Evaluation of approaches for designing and developing decentralized applications on blockchain

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

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 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-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>

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.ester.ee/record=b5238490*est

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

Gilabert, 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-Gilabert-UPCT-Cartagena.pdf>

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

Gilabert, 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](#)

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/>

Expert knowledge elicitation for skill level categorization of attack paths

Mezešova, Terezia; **Bahsi, Hayret** 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, Hayret** 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>

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>

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

Belikov, Juri; Meas, Molika; Machlev, Ram; **Köse, Ahmet; Tepļjakov, Aleksei;** Loo, Lauri; **Petlenkov, Eduard;** Levron, Yoash
Proceedings of the 19th International Conference on Informatics in Control, Automation and Robotics - ICINCO, 2022 , Lisbon,
Portugal 2022 / p. 271-279 <https://doi.org/10.5220/0011350000003271>

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](#)

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>

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

Exploring 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>

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; Tepļjakov, Aleksei; Petlenkov, Eduard Applied mathematics and computation 2023 / art. 127950,
15 p. : ill <https://doi.org/10.1016/j.amc.2023.127950>

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>

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

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

Capobianco, Silvio Acta et Commentationes Universitatis Tartuensis 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>

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>

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>

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](#)

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 <http://dx.doi.org/10.5755/j01.itc.46.4.17697>

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 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, Seshadri; **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; **Udokuwu, 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, Niccolò; 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, Niccolò; 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, Niccolò; Vezzosi, Andrea Journal of logical and algebraic methods in programming 2023 / art. 100846 <https://doi.org/10.1016/j.jlamp.2022.100846>

Formalizing restriction categories

Chapman, James; **Uustalu, Tarmo**; **Veltri, Niccolò** Journal of formalized reasoning 2017 / p. 1-36 <https://doi.org/10.6092/issn.1972-5787/6237>

Formalizing π -calculus in guarded cubical agda

Veltri, Niccolò; 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>

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>

14th IFAC Symposium on Analysis, Design, and Evaluation of Human Machine Systems HMS 2019, Tallinn, Estonia, 16–19 September 2019 : proceedings

2019 <https://www.sciencedirect.com/journal/ifac-papersonline/vol/52/issue/19>

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.eester.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 : 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 <http://doi.org/10.1109/MILCOM.2017.8170852>

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>

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 : algoritimide arendus

Lind, Grete 2017 <https://digi.lib.ttu.ee/i/?9121>

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

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

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

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

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

From simple scoring towards a meaningful interpretation of learning in cybersecurity exercises

Ermits, Margus; Mäses, Sten; Lepik, Toomas; Maennel, Olaf Manuel 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. 135-143 <https://doi.org/10.34190/ICWS.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

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

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 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>

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-Entric Software : PLACES 2017 : Uppsala, Sweden, 29 April 2017 2017 / p. 39-48 : ill <http://dx.doi.org/10.4204/EPTCS.246.8>

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

Dzotsenidze, Erik; **Valla, Elli**; **Nõmm, 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

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>

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 2022Trondheim 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

Global rush for standards in blockchain

Osula, Anna-Maria Directions : Cyber Digital Europe 2020 [Global rush for standards in blockchain](#)

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](#)

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 : tehnikauilikoolil on kindlad ülesanded Eesti ees [Võrguväljaanne]

Piho, Gunnar err.ee 2020 / fot [Gunnar Piho: tehnikauilikoolil 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. ; 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>

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](#)

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>

Hea teadustava

2017 http://www.eester.ee/record=b4761000*est https://www.eetika.ee/sites/default/files/www_ut/hea_teadustava_trukis.pdf

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

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

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 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](#)

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

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
<http://journal.utem.edu.my/index.php/jtec/issue/view/140>

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 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](#)

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

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

Hüperspektraalsensorika rakendamise militaarobjektide signatuuride 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

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](#)

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://dea.digar.ee/article/postimees/2017/09/20/17.1)

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, Hayretudin; 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 I. <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 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; Kormiltsyn, Alexandr;** 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](#)

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

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

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

Improving language identification of accented speech

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

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

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

Improving the 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

In memoriam : Prof. Ahto Kalja : 24.05.1950 - 22.10.2018

Bubenko, Janis; Solvberg, Arne; Arnicans, Guntis; Borzovs, Juris; Čaplinskis, 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>

Increasing citizen participation in e-participatory budgeting processes

Mørøe, 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, Hayretdin Proceedings of the 5th International Conference on Information Systems Security and Privacy : ICISSP 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, Hayretdin 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](#)

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; Vaher, 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](#)

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>

Information and interaction

Henno, Jaak Information modelling and knowledge bases XXVIII 2017 / p. 426-449 <http://dx.doi.org/10.3233/978-1-61499-720-7-426>

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

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>

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>

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>

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](#)

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

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>

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

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 : a Virtual Conference hosted by University of Applied Sciences HTW, Berlin, Germany, 28-29 October, 2021 2021 / p. 226-274 [IT as a career choice for girls : breaking the \(self-imposed\) glass ceiling](#)

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](#)

IT-teadlane Arvo Kaldmäe: «Teadmatust saab teada!»

Kaldmäe, Arvo postimees.ee 2023 [IT-teadlane Arvo Kaldmäe: «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-veebiavarusse-oma-krediitkaardiandmed-pange-tahele>

IT-õpe tuleb ülikoolides lõpetada ja keskenduda puidugraanulitele

Rebane, Martin Sirp 2021 / lk. 7 <https://www.sirp.ee/s1-artiklid/c21-teadus/vastukaja-it-õpe-tuleb-ulikoolides-lopetada-ja-keskenduda-puidugraanulitele/>

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>

Juri Belikov: elektritootmise pardiköverast päästavad nutikad algoritmid [Võrguväljaanne]

Belikov, Juri novaator.err.ee 2022 [Juri Belikov: elektritootmise pardiköverast 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

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 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 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?

Tavetar, Kuldar Postimees 2017 / lk. 16

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 seadustamist 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>

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

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 <http://dx.doi.org/10.1504/IJSTM.2017.10002708>

Kitsaskohti andmekaitse rakendamisel koolides [Võrguväljaanne]

Lorenz, Birgy; Kikkas, Kaido; Baum, Anu; Metsäär, Tõnu opleht.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, Hayret**; **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 tehisar?

levila.ee 2023 <https://www.levila.ee/raadio/tuhi-eeter/kumb-on-arukam-kas-inimaru-voi-tehisaru>

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

Maennel, 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

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/1hExiVLGR88jwb82mBDKx3IJ2Fexx7uyQjXtUbJxuJts/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; Kirna, 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; Kirna, Catlyn 2019 ["Küberpätkel2019"](#)

KüberPätkel uuring : veebruar 2020

Lorenz, Birgy; Osula, Kairi; Kirna, 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 internetiühendusega 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

Lattice-based threshold signature implementation for constrained devices

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

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 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>

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

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

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

Leveraging 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, Hayretin** Journal of Computer Virology and Hacking Techniques 2022 / 32 p. : ill <https://doi.org/10.1007/s11416-022-00432-3>

A lightweight anonymous authentication scheme for secure cloud computing services

Hammami, 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 lightweight Mmessage 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>

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>

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](#)

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](#)

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 http://doi.org/10.1007/978-3-319-60055-0_4

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

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

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/INFOCOMW.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>

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

Vidyarthi, 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 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->

A machine learning-based forensic tool for image classification - a design science approach

Del Mar-Raave, Joanna Rose; Bahsi, Hayretidin; Mnsic, 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](#)

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](#) [Kuluhüvitisid: 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/kyberkrimalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf

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

Mapping the information flows for the architecture of a nationwide situation awareness system : (Poster)

Bahsi, Hayretidin; 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; Vihaelemm, 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>

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, Hayretidin International Journal of Critical Infrastructures 2022 / 1 p <https://doi.org/10.1504/IJCIS.2022.10046729> <https://doi.org/10.1504/IJCIS.2022.10046164>

Maritime cyber-insurance: the Norwegian case

Franke, Ulrik; **Friberg, Even** Langfeldt; **Bahsi, Hayretidin** 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

Yefemy, 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](#)

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](#)

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, ICISSP : 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 olukorratadeklükuse 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, HCI 2020, Copenhagen, Denmark, July 19-24, 2020 : Proceedings 2020 / p. 458-470 https://doi.org/10.1007/978-3-030-50309-3_30 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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 (ICWS) : Old Dominion University (ODU), Norfolk, Virginia, USA, 12-13 March 2020 2020 / p. 480-489 <https://doi.org/10.34190/ICWS.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
Sömer, Tiia 16th International Conference on Cyber Warfare and Security (ICWS 2021) : Online, 25 - 26 February 2021 2021 / p. 326-335 <http://toc.proceedings.com/58552webtoc.pdf?msckid=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 <https://doi.org/10.1080/03081079.2023.2173749>

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

Bossenکو, Igor; Linna, Kerli; Piho, Gunnar; Ross, Peeter Studies in Health Technology and Informatics ; 299 2022 / p. 275-278
<https://doi.org/10.3233/SHIT220998> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Militaarobjektide valvetechnoloogia areng

Udal, Andres; Kaugerand, Jaanus; Savimaa, Raul; Märtens, Olev Sõjateadlane = Estonian journal of military studies 2023 / lk. 194-224 : ill [Militaarobjektide valvetechnoloogia areng](#) <https://www.kvak.ee/sojateadlane22/> https://www.eester.ee/record=b4555087*est

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

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

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; **Tönso, 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 / 7 p
<https://doi.org/10.1109/TAC.2023.3240124>

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/>

Mixed methods research approach and experimental procedure for measuring human factors in cybersecurity using phishing simulations

Mäses, Sten; Kikerpill, Kristjan; Jüristo, Kaspar; **Maennel, Olaf Manuel** Abstracts of Papers Presented at the 18th European Conference on Research Methodology for Business and Management Studies : ECRM 2019, Hosted By Wits Business School Johannesburg, South Africa 20-21 June, 2019 2019 / p. 30-31 ["ECRM19"](#)

Mixed methods research approach and experimental procedure for measuring human factors in cybersecurity using phishing simulations

Mäses, Sten; Kikerpill, Kristjan; Jüristo, Kaspar; **Maennel, Olaf Manuel** ECRM 2019 - Proceedings of the 18th European Conference on Research Methodology for Business and Management Studies ; vol. 1 2019 / p. 218-226
<http://toc.proceedings.com/49537webtoc.pdf>

A 3D mixed reality visualization of network topology and activity results in better dyadic cyber team communication and cyber situational awareness

Ask, Torvald F.; **Kullman, Kaur; Sütterlin, Stefan**; Knox, Benjamin J.; Engel, Don; **Lugo, Ricardo Gregorio** Frontiers in Big Data 2023 / art. 1042783, 21 p. : ill <https://doi.org/10.3389/fdata.2023.1042783>

Mobile phone usage data for credit scoring

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

Mobile smart-contract lifecycle governance with incentivized proof-of-stake for oligopoly-formation prevention

Deval, Vipin; Norta, Alexander 19th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing : CCGRID2019 : proceedings 2019 / p. 165-168 : ill <https://doi.org/10.1109/CCGRID.2019.00029>

Modal embeddings and calling paradigms

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

Modal embeddings and calling paradigms

Santo, José Espirito; Pinto, Luis; Uustalu, Tarmo Days in Logic 2022 : Universidade do Algrave, June 30-July 2, 2022 2022 / 20 p

<https://drops.dagstuhl.de/opus/volltexte/2019/10525/pdf/LIPLcs-FSCD-2019-18.pdf> <https://daysinlogic2022.ualg.pt/wp-content/uploads/2022/06/BookletDiL2022.pdf>

Model and Data Engineering : 10th international conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings
2021 <https://doi.org/10.1007/978-3-030-78428-7>

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

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

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

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

Model based testing of distributed time critical systems

Vain, Jüri; Kanter, Gert; Srinivasan, Seshadhri 2017 6th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO 2017) : Noida, India 20-22 September 2017 2017 / p. 99-105 : ill <https://doi.org/10.1109/ICRITO.2017.8342406>

A model-based adaptive control of an autonomous driving car for lane change maneuver

Astrov, Igor; Udal, Andres; Jaanus, Martin 2021 44th International Convention on Information, Communication and Electronic Technology (MIPRO), September 27 - October 1, 2021, Opatija, Croatia : proceedings 2021 / p. 1330-1335 : ill <http://www.mipro.hr/LinkClick.aspx?fileticket=RAMnkK6T5UQ%3d&tabid=196&language=hr-HR> <https://doi.org/10.23919/MIPRO52101.2021.9597195>

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

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

A model-based approach for design and verification of Industrial Internet of Things

Muthukumar, Natarajan; Srinivasan, Seshadhri; Ramkumar, Kannan; **Pal, Deepak; Vain, Jüri;** Ramaswamy, Srini Future generation computer systems 2019 / p. 354-363 : ill <https://doi.org/10.1016/j.future.2018.12.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Model-based maintenance scheduling in flexible modular automation systems

Pal, Deepak; Vain, Jüri; Srinivasan, Seshadhri; Ramaswamy, Srini 2017 22nd IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2017) : Limassol, Cyprus, 12 - 15 September 2017 : pages 1-678 2017 / p. 1203-1208 : ill <http://doi.org/10.1109/ETFA.2017.8247738>

Model-based simulation of a hydraulic closed-loop rotary transmission with automatic control

Grossschmidt, Gunnar; Harf, Mait International journal of fluid power 2021 / 42 p. : ill <https://doi.org/10.13052/ijfp.1439-9776.2212> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model-based simulation of a hydraulic open-loop rotary transmission with automatic regulation of hydraulic motor (Part 1: Modelling)

Harf, Mait; Grossschmidt, Gunnar ESM '2018 : The 2018 European Simulation and Modelling Conference, Modelling and Simulation : October 24-26, 2018, NH Gent Belfort, Ghent, Belgium : [Proceedings] 2018 / p. 63-68 <https://www.eurosis.org/cms/files/proceedings/ESM/ESM2018contents.pdf>

Model-based simulation of a hydraulic open-loop rotary transmission with automatic regulation of hydraulic motor (Part 2: Simulation)

Harf, Mait; Grossschmidt, Gunnar ESM '2018 : The 2018 European Simulation and Modelling Conference, Modelling and Simulation : October 24-26, 2018, NH Gent Belfort, Ghent, Belgium : [Proceedings] 2018 / p. 69-73 <https://www.eurosis.org/cms/files/ESM2018FINPROG.pdf>

Model-based simulation of hydraulic hoses in an intelligent environment

Grossschmidt, Gunnar; Harf, Mait International journal of fluid power 2018 / p. 27-41 : ill <https://doi.org/10.1080/14399776.2017.1374140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model-based testing framework for autonomous multi-robot systems = Mudelipõhine testimisraamistik autonoomsetele multirobotsüsteemidele

Kanter, Gert 2020 <https://digikogu.taltech.ee/et/Item/575133f2-f94a-49d4-a7c9-0615b54ae139> <https://doi.org/10.23658/taltech.19/2020>

Model-based testing of autonomous robots using TestIt

Kanter, Gert; Vain, Jüri Journal of reliable intelligent environments 2020 / p. 15-30 <https://doi.org/10.1007/s40860-019-00095-w> [Journal metrics at Scopus](#) [Article at Scopus](#)

Model-based testing of real-time distributed systems = Reaalaja hajussüsteemide mudelipõhine testimine

Pal, Deepak 2020 https://www.ester.ee/record=b5389209*est <https://digikogu.taltech.ee/et/Item/b919afec-e786-4e14-9918-7d8db3b20cfe>

Modeling for multi-view interference analysis of design aspects in MPSoC designs

Vain, Jüri; Apneet Kaur; Tsiopoulos, Leonidas; Raik, Jaan; Jenihhin, Maksim RESCUE 2017 : Workshop on Reliability, Security and Quality : ETS17 Fringe Workshop, May 25-26, 2017, Limassol, Cyprus 2017 / p. 1-6
<http://www.ets17.org.cy/workshop/rescue-workshop.html>

Modeling under-resourced languages for speech recognition

Kurimo, Mikko; Enarvi, Seppo; Tilk, Ottokar; Varjokallio, Matti; Mansikkaniemi, Andre; Alumäe, Tanel Language resources and evaluation 2017 / p. 961-987 : ill <https://doi.org/10.1007/s10579-016-9336-9>

Modelling cyberspace to determine cybersecurity training requirements

Venables, Adrian Frontiers in education 2021 / art. 768037, 16 p. : ill <https://doi.org/10.3389/feduc.2021.768037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling financially motivated cyber crime = Finantsiliselt motiveeritud küberkuritegevuse modelleerimine

Sömer, Tiia 2022 <https://doi.org/10.23658/taltech.10/2022> https://www.ester.ee/record=b5491785*est
<https://digikogu.taltech.ee/et/Item/5c41eec5-0c88-43c8-9294-c9f47e7c438b>

Modern build automation for an insurance company tool selection

Lange, Moritz; Tran, Kim Chi; Grunewald, Alexander; Koschel, Arne; Pakosch, Anna; Astrova, Irina Procedia computer science 2023 / p. 736-743 : ill <https://doi.org/10.1016/j.procs.2023.01.346>

MO-NILM: A multi-objective evolutionary algorithm for NILM classification

Machlev, Ram; Belikov, Juri; Beck, Yuval; Levron, Yoash Energy and buildings 2019 / p. 134-144
<https://doi.org/10.1016/j.enbuild.2019.06.046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Monoidal context theory = Monoidiliste kontekstide teooria

Roman Garcia, Mario 2023 <https://doi.org/10.23658/taltech.54/2023> <https://digikogu.taltech.ee/et/Item/034fb7d2-c41f-4d12-81a9-4dd792504995> https://www.ester.ee/record=b5645423*est

Monoidal streams for dataflow programming

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

Monoidal width = Monoidiline laius

Di Lavore, Elena 2023 <https://doi.org/10.23658/taltech.55/2023> <https://digikogu.taltech.ee/et/Item/e0ea1b50-07ff-44f4-a498-ef5c22a15502>
https://www.ester.ee/record=b5645383*est

Monotoonsed süsteemid ja nende rakendused [Võrguteavik]

Võhandu, Leo; Kuusik, Rein, inform.; Lind, Grete 2019 https://issuu.com/monotsys/docs/monotoonsed_s_steemid

MORec: At the crossroads of context-aware and multi-criteria decision making for online music recommendation

Ben Sassi, Imen; Ben Yahia, Sadok; Liiv, Innar Expert systems with applications 2021 / art. 115375, 20 p. : ill
<https://doi.org/10.1016/j.eswa.2021.115375>

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

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

Motion control of a hovering biomimetic four-fin underwater robot

Salumäe, Taavi; Chemori, Ahmed; Kruusmaa, Maarja IEEE Journal of Oceanic Engineering 2019 / p. 54 - 71
<https://doi.org/10.1109/JOE.2017.2774318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Motor failure tolerant control system with self diagnostics for unmanned multirotors

Ambroziak, Leszek; Simha, Ashutosh; Pawluszewicz, Ewa; Kotta, Ülle 2019 24th International Conference on Methods and Models

in Automation and Robotics (MMAR) 2019 / p. 422–427 : ill <https://doi.org/10.1109/MMAR.2019.8864726>

Moving Hadoop to the Cloud for Big Data Analytics

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

Mugavam elu kõigile: Eestis arendatud tehnoloogia aitab luua teid, mis ei lõhu autot

geenius.ee 2023 [Mugavam elu kõigile: Eestis arendatud tehnoloogia aitab luua teid, mis ei lõhu autot](#)

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

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

A multidimensional cyber defense exercise: emphasis on emotional, social, and cognitive aspects

Maennel, Kaie; Brilingaitė, Agnė; Bukauskas, Linas; Juozapavičius, Aušrius; Knox, Benjamin James; **Lugo, Ricardo Gregorio**; **Maennel, Olaf Manuel**; Majore, Ginta; Sütterlin, Stefan SAGE Open 2023 / 12 p. : ill <https://doi.org/10.1177/21582440231156367>

A multifaceted assessment framework for electronic identity schemes = Elektrooniliste autentimisskeemide mitmetahulise hindamise raamistik

Lips, Silvia 2023 <https://doi.org/10.23658/taltech.34/2023> <https://digikogu.taltech.ee/et/Item/52b02c4c-7d55-47f5-b942-83e03f3bb37a>
https://www.ester.ee/record=b5569689*est

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

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

Multi-fragment Markov model guided online test generation for MPSoC

Vain, Jüri; **Tsiopoulos, Leonidas**; Kharchenko, Vyacheslav; **Apneet Kaur**; Jenihhin, Maksim; Raik, Jaan ICTERI 2017 : ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer : proceedings of the 13th International Conference on ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer, Kyiv, Ukraine, May 15-18, 2017 2017 / p. 594-607 : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85020540459&partnerID=40&md5=af226e25c344c52689f23bf5c39cc267> <http://ceur-ws.org/Vol-1844/10000594.pdf>

A multihorizon approach for the reliability oriented network restructuring problem, considering learning effects, construction time, and cables maintenance costs

Bordin, Chiara; **Mishra, Sambeet**; Palu, Ivo Renewable Energy 2021 / p. 878-895 : ill <https://doi.org/10.1016/j.renene.2020.12.105>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-level model transformation

Draheim, Dirk; Holmes, Taid; Wimmer, Manuel Multi-Level Modelling (Dagstuhl Seminar 17492) 2018 / p. 42–48
<http://dx.doi.org/10.4230/DagRep.7.12.18>

Multi-modal biometric system security and privacy

Essen, Akim; Sorell, Matthew; **Maennel, Olaf Manuel** Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 30-32 https://www.ester.ee/record=b5238490*est

Multi-modal sensor data fusion in city environment monitoring projects SMENETE and IMO

Kaugerand, Jaanus; **Ehala, Johannes**; **Riid, Andri**; Preden, Jürjo-Sören; **Udal, Andres** COST Action CA16101 MULTI-modal : Imaging of FOREnsic SciEnce Evidence tools for Forensic Science : Grant Period 2 Conference, 5-8 November 2018, Dubrovnik, Croatia. Forensic Imaging Techniques - an exploration of their potential as standalone tools and within a multimodal approach : book of abstracts 2018 / p. 36-37 : ill

Multi-pole modelling and intelligent simulation of a fluid power feeding system with a pneumo-hydraulic accumulator

Harf, Mait; **Grossschmidt, Gunnar** 16th International Conference on Modeling and Applied Simulation (MAS 2017) : held at the International Multidisciplinary Modeling and Simulation Multiconference (I3M 2017), Barcelona, Spain, 18 – 20 September 2017 2017 / p. 128-135 <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85035125034&partnerID=40&md5=1383db926eab8e4c7540e2c6d237033c>

Multi-view modeling for MPSoC design aspects [Online resource]

Vain, Jüri; **Apneet Kaur**; **Tsiopoulos, Leonidas**; **Raik, Jaan**; **Jenihhin, Maksim** 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.2018.8600986>

National cybersecurity legislation : is there a magic formula?

Tikk, Eneken Cybersecurity Best Practices : Lösungen zur Erhöhung der Cyberresilienz für Unternehmen und Behörden 2018 / p. 615-633 https://doi.org/10.1007/978-3-658-21655-9_42

Navigating a Finnish take on international law : interview with Ambassador Marja Lehto, Senior Expert on Public International Law at the Ministry of Foreign Affairs, Finland

Directions : Cyber Digital Europe 2020 [Navigating a Finnish take on international law : interview with Ambassador Marja Lehto, Senior Expert on Public International Law at the Ministry of Foreign Affairs, Finland](#)

Netflow based framework for identifying anomalous end user nodes

Vaarandi, Risto; Pihelgas, Mauno 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. 448-456 <https://doi.org/10.34190/ICCWS.20.035>

Nets with mana : a framework for chemical reaction modelling

Genovese, Fabrizio; **Loregian, Fosco**; Palombi, Daniele Graph Transformation : 14th International Conference, ICGT 2021, Held as Part of STAF 2021, Virtual Event, June 24-25, 2021 : proceedings 2021 / p. 185-202 https://doi.org/10.1007/978-3-030-78946-6_10 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Neural networks for language modeling and related tasks in low-resourced domains and languages = Tehisnärivõrgud keele modelleerimise ja sellega seotud ülesannete jaoks väheste ressurssidega valdkondades ja keeltes

Tilk, Ottokar 2018 <https://digi.lib.ttu.ee/?10856>

A new approach of morphological analysis of arabic syntagmatic units based on a linguistic ontology

El Abdi, Mariem; Ali, Boutheina Smine Ben; **Ben Yahia, Sadok** Computational Collective Intelligence : 14th International Conference, ICCCI 2022, Hammamet, Tunisia, September 28-30, 2022, Proceedings 2022 / p. 364 - 377 https://doi.org/10.1007/978-3-031-16014-1_29 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

A New approach to constructing digital signature schemes

Buldas, Ahto; Frisov, Denis; Laanoja, Risto; Lakk, Henri; Truu, Ahto Advances in Information and Computer Security : 14th International Workshop on Security, IWSEC 2019, Tokyo, Japan, August 28-30, 2019 : proceedings 2019 / p. 363-373 https://doi.org/10.1007/978-3-030-26834-3_21 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

New polysemy structures in Wordnets induced by vertical polysemy

Lohk, Ahti; Orav, Heili; Vare, Kadri; Bond, Francis; **Vaik, Rasmus** Proceedings of the 10th Global WordNet Conference : GWC 2019, July 23-27, 2019, Wroclaw, Poland 2019 / p. 394-403 [https://clarin-pl.eu/dspace/handle/11321/718_\"scopus\"](https://clarin-pl.eu/dspace/handle/11321/718_\)

A new test suite reduction approach based on hypergraph minimal transversal mining

Trabelsi, Shaima; Bannani, Mohamed Taha; **Ben Yahia, Sadok** Future Data and Security Engineering : 6th International Conference, FDSE 2019, Nha Trang City, Vietnam, November 27-29, 2019, Proceedings 2019 / p. 15-30 https://doi.org/10.1007/978-3-030-35653-8_2 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

New type of bridge fault current limiter with reduced power losses for transient stability improvement of DFIG wind farm

Baimel, Dmitry; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Levron, Yoash Electric Power Systems Research 2021 / art. 107293, 8 p. : ill <https://doi.org/10.1016/j.eprs.2021.107293> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Newton observer for a nonlinear flux-controlled AMB system

Mystkowski, Arkadiusz; **Kotta, Ülle; Kaparin, Vadim** Proceedings of the Estonian Academy of Sciences 2018 / p. 61-72 : ill <https://doi.org/10.3176/proc.2018.1.03> http://www.eester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nick, J.; Ruffing, T.; Seurin, Y. MuSig2: simple two-round Schnorr multi-signatures : [review]

Henno, Jaak zbMATH Open 2022 / 1 p <https://zbmath.org/1489.94125>

NLControl - a mathematica package for nonlinear control systems

Kotta, Ülle; Tönso, Maris IFAC-PapersOnLine 2017 / p. 681-686 <https://doi.org/10.1016/j.ifacol.2017.08.122>

NN-SANARX model based control of a water tank system using embedded microcontroller Arduino

Škiparev, Vjatseslav; Belikov, Juri; Petlenkov, Eduard Proceedings of the 2019 10th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications : IDAACS'2019, 18-21 Sept. 2019 2019 / p. 372-377 : ill <https://doi.org/10.1109/IDAACS47747.2019>

Non-determinism in nowadays computing and IT

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2020 43rd International Convention on Information, Communication and Electronic Technology (MIPRO), 28 Sept.-2 Oct. 2020, Opatija, Croatia : proceedings 2020 / p. 794-801 <https://doi.org/10.23919/MIPRO48935.2020.9245377>

Normalization by evaluation for the Lambek calculus

Veltri, Niccolo 10th International Conference on Non-classical Logic : theory and applications, Lodz, Poland, 14-18 March 2022 2022 / p. 102-117 <https://doi.org/10.4204/eptcs.358.8> <https://arxiv.org/abs/2204.06719v1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A novel anonymous authentication and key agreement scheme for smart grid

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. 357-362 <https://doi.org/10.5220/0009824203570362>

A novel efficient and lightweight authentication scheme for secure smart grid communication systems

Hammami, Hamza; **Ben Yahia, Sadok**; Obaidat, Mohammad S. The Journal of Supercomputing 2023 <https://doi.org/10.1007/s11227-022-04944-z>

A novel framework for unification of association rule mining, online analytical processing and statistical reasoning

Sharma, Rahul; Kaushik, Minakshi; Peious, Sijo Arakkal; Bazin, Alexandre; Shah, Syed Attique; Istok, Fister jr.; Ben Yahia, Sadok; Draheim, Dirk IEEE Access 2022 / p. 12792-12813 <https://doi.org/10.1109/ACCESS.2022.3142537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel imbalanced data classification approach for suicidal ideation detection on social media

Ben Hassine, Mohamed Ali; Abdellatif, Safa; **Ben Yahia, Sadok** Computing 2022 / p. 741-765 : ill <https://doi.org/10.1007/s00607-021-00984-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel interestingness measures for mining significant association rules from imbalanced data

Abdellatif, Safa; Ben Hassine, Mohamed Ali; **Ben Yahia, Sadok** Web, Artificial Intelligence and Network Applications :Proceedings of the Workshops of the 33rd International Conference on Advanced Information Networking and Applications (WAINA-2019) 2019 https://doi.org/10.1007/978-3-030-15035-8_16 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Numerical association rule mining : a systematic literature review

Kaushik, Minakshi; Sharma, Rahul; Fister, Istok jr.; Draheim, Dirk arXiv.org 2023 / 50 p. : ill <https://doi.org/10.48550/arXiv.2307.00662>

Nutiseadme abil õpitakse meil liiga vähe

Lorenz, Birgy Õpetajate Leht 2020 / Lk. 6 [Nutiseadme abil õpitakse meil liiga vähe](#)

Observer-based detection and identification of sensor attacks in networked CPSs

Chowdhury, Nilanjan Roy; **Belikov, Juri**; Baimel, Dmitry; Levron, Yoash Automatica 2020 / art. 109166, 13 p <https://doi.org/10.1016/j.automatica.2020.109166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observer-based residual generation for nonlinear discrete-time systems

Kaldmäe, Arvo; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2018 / p. 325-336 http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-325-336.pdf <https://doi.org/10.3176/proc.2018.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Obtaining better metrics for complex serious games within virtualised simulation environments

Mäses, Sten; Hallaq, Bil; Maennel, Olaf Manuel 11th European Conference on Games Based Learning (ECGBL 2017) : Graz, Austria, 5 - 6 October 2017 2017 / p. 428-434 : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85036459293&partnerID=40&md5=2ba817e29bec893e126f50a3d4ede83c>

An analysis of human perception of partitions of numerical factor domains

Kaushik, Minakshi; Sharma, Rahul; Shahin, Mahtab; Peious, Sijo Arakkal; Draheim, Dirk Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) ; Vol. 13635 LNCS 2022 / p. 137-144 https://doi.org/10.1007/978-3-031-21047-1_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Olukorrateadliku käitumise matkimine otsustustoes

Meriste, Merik; Rannat, Kalev; Mõtus, Leo; Teichmann, Mare; Kelder, Tõnis; Helekivi, Jüri Sõjateadlane 2020 / p. 177-206 https://www.ester.ee/record=b4555087*est

On architecture of e-government ecosystems: from e-services to e-participation [iiWAS'2020 Keynote]

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 / p. 3-10 <https://doi.org/10.1145/3428757.3429972> [Conference proceedings at Scopus](#) [Article at Scopus](#)

On complex adaptive systems and electronic government - a proposed theoretical approach for electronic government studies

McBride, Keegan David Braun; Draheim, Dirk Electronic journal of e-Government 2020 / p. 43-53

On doctrines and Cartesian bicategories

Bonchi, Filippo; Santamaria, Alessio; Seeber, Jens; **Sobocinski, Pawel Maria** CALCO 2021 : 9th International Conference on Algebra and Coalgebra in Computer Science, Aug 31 - Sep 3, 2021, Salzburg, Austria : proceedings 2021 / p. 10:1–10:7
<https://doi.org/10.4230/LIPLCS.CALCO.2021.10> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

On existing trends towards creation of a holistic sociotechnical approach to e-Governance

Kosenkov, Oleksandr; Pappel, Ingrid; 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. 492–493 : ill
<https://doi.org/10.1145/3326365.3326437> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On explainable AI and abductive inference

Medianovskyi, Kyrilo; Pietarinen, Ahti-Veikko Philosophies 2022 / art. 35 <https://doi.org/10.3390/philosophies7020035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On facilitating cross-border E-commerce through an automated VAT declaration system

Kreos, Kai; **Täks, Ermo; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk** 2019 6th International Conference on eDemocracy and eGovernment (ICEDEG 2019) : Quito, Ecuador, April 24–26, 2019 : conference proceeding 2019 / p. 56-63
<https://doi.org/10.1109/ICEDEG.2019.8734347>

On finding model smells based on code smells

Eessaar, Erki; Käosaar, Ege Software Engineering and Algorithms in Intelligent Systems : Proceedings of 7th Computer Science On-line Conference 2018, Vol. 1 2019 / p. 269-281 https://doi.org/10.1007/978-3-319-91186-1_28 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On leveraging the potential of open data to enhance transparency and accountability - A case study from Ukraine

Popelyshyn, Olha; Tsap, Valentyna; Pappel, Ingrid; Draheim, Dirk 2019 6th International Conference on eDemocracy and eGovernment (ICEDEG 2019) : Quito, Ecuador, April 24–26, 2019 : conference proceedings 2019 / Art. 8734315 ; p. 25-30
<https://doi.org/10.1109/ICEDEG.2019.8734315>

On positive feedback loops in digital government architecture

McBride, Keegan David Braun; Kütt, Andres; Ben Yahia, Sadok; Draheim, Dirk MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 174–180 : ill
<https://doi.org/10.1145/3297662.3365817>

On requirements for event processing network models using business event modeling notation

Koschel, Arne; **Astrova, Irina**; Kobert, Sebastian; Naumann, Jan; Ruhe, Tobias; Starodubtsev, Oleg Intelligent Computing : Proceedings of the 2018 Computing Conference. Volume 1 Intelligent Computing 2019 / p. 756-762 https://doi.org/10.1007/978-3-030-01174-1_57 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On state-level architecture of digital government ecosystems : from ICT-driven to data-centric

Draheim, Dirk; Krimmer, Robert Johannes; Tammet, Tanel Transactions on Large-Scale Data- and Knowledge-Centered Systems XLVIII 2021 / p. 165–195 https://doi.org/10.1007/978-3-662-63519-3_8 [Journal metrics at Scopus](#) [Article at Scopus](#)

On statistical paradoxes and overcoming the impact of bias in expert systems : towards fair and trustworthy decision making

Sharma, Rahul SSRN 2023 / 37 p. : ill <https://doi.org/10.2139/ssrn.4506432>

On testing microservice systems

Koschel, Arne; **Astrova, Irina**; Bartels, Mirco; Helmers, Mark; Lyko, Marcel Proceedings of the Future Technologies Conference (FTC) 2020 ; vol. 3 2021 / p. 597–609 https://doi.org/10.1007/978-3-030-63092-8_40 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

On the application of active learning for efficient and effective botnet detection

Guerra Manzanares, Alejandro; Bahsi, Hayretidin Future Generation Computer Systems 2023 / p. 40-53 : ill
<https://doi.org/10.1016/j.future.2022.10.024>

On the application of active learning to handle data evolution in Android malware detection

Guerra Manzanares, Alejandro; Bahsi, Hayretidin Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 256-273 https://doi.org/10.1007/978-3-031-36574-4_15

On the design of base tables in the SQL databases of some existing software

Eessaar, Erki Software engineering perspectives in systems : proceedings of 11th Computer Science On-line Conference 2022, Vol. 1 2022 / p. 309-324 https://doi.org/10.1007/978-3-031-09070-7_26 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On the differentiation of a composite function with a generalized vector argument on homogeneous time scales

Kaparin, Vadim; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2017 / p. 309-322 : tab

<https://doi.org/10.3176/proc.2017.3.04> http://www.ester.ee/record=b2355998*est

On the finiteness of accessibility test for nonlinear discrete-time systems

Sarafrazi, Mohammad Amin; Pawluszewicz, Ewa; Bartosiewicz, Zbigniew; **Kotta, Ülle** International journal of control 2021 / p. 2330-2336 <https://doi.org/10.1080/00207179.2019.1706102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the narratives and background narratives of e-Government

Draheim, Dirk; McBride, Keegan David Braun; Misnikov, Yuri; Hartleb, Florian; **Lauk, Mihkel; Pappel, Ingrid** Proceedings of the 53rd Annual Hawaii International Conference on System Sciences : January 7-10, 2020, Grand Wailea, Maui 2020 / p. 2114–2122 <https://doi.org/10.24251/HICSS.2020.258>

On the narratives of e-government: a comparison of the democratic and technocratic approach in post-Soviet states

Wijk, Sam van; Lemke, Florian; **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. 3-16 https://doi.org/10.1007/978-3-030-67238-6_1 [Conference proceeding at Scopus](#) [Article at Scopus](#)

On the potential of numerical association rule mining

Kaushik, Minakshi; Sharma, Rahul; Arakkal Peious, Sijo; Shahin, Mahtab; Ben Yahia, Sadok; Draheim, Dirk 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. 3-20 https://doi.org/10.1007/978-981-33-4370-2_1 [Conference proceeding at Scopus](#) [Article at Scopus](#)

On the properties of forward and backward shifts of vector fields

Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle; Mullari, Tanel; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2022 / p. 314-325 <https://doi.org/10.3176/proc.2022.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the radical de- and re-construction of today's enterprise applications

Draheim, Dirk Procedia Computer Science 2019 / p. 120 - 122 <https://doi.org/10.1016/j.procs.2019.12.162> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On the relationship between health sectors' digitalization and sustainable health goals : a cyber security perspective

Sütterlin, Stefan; Knox, Benjamin J.; **Maennel, Kaie;** Canham, Matthew; Lugo, Ricardo Gregorio Transitioning to good health and well-being 2022 / 22 p <https://www.mdpi.com/books/pdfdownload/edition/1245>

On the relativity of time : implications and challenges of data drift on long-term effective android malware detection

Guerra Manzanares, Alejandro; Bahsi, Hayreddin Computers & Security 2022 / art. 102835, 15 p. : ill <https://doi.org/10.1016/j.cose.2022.102835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the specific role of electronic document and record management systems in enterprise integration

Pappel, Ingrid; Butt, Sidra Azmat; Pappel, Ingmar; Draheim, Dirk Proceedings of Fifth International Congress on Information and Communication Technology : ICICT 2020, London ; 2 2021 / p 37–51 https://doi.org/10.1007/978-981-15-5859-7_3 [Article collection metrics at Scopus](#) [Article at Scopus](#)

On the stopping criteria in nonlinear unknown input observability condition

Sarafrazi, Mohammad Amin; **Kotta, Ülle;** Bartosiewicz, Zbigniew IEEE transactions on automatic control 2022 / p. 4733-4737 <https://doi.org/10.1109/TAC.2022.3160133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the systematic exploitation of the Estonian data exchange layer X-road for strengthening public-private partnerships

Paide, Karoline; Pappel, Ingrid; Vainsalu, Heiko; **Draheim, Dirk** ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 34-41 <https://doi.org/10.1145/3209415.3209441> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An ontological approach to knowledge building by data integration

Pileggi, Salvatore Flavio; Crain, Hayden; **Ben Yahia, Sadok** Computational Science and Its Applications – ICCSA 2020 : 20th international conference, Amsterdam, The Netherlands, June 3–5, 2020, proceedings, part VII (2020) 2020 / p. 479 - 493 https://doi.org/10.1007/978-3-030-50436-6_35 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at Scopus](#)

Ontology design for automatic evaluation of web user interface usability [Electronic resource]

Robal, Tarmo; Marenkov, Jevgeni; Kalja, Ahto PICMET '17 : Portland International Conference on Management of Engineering and Technology : Technology Management for the Interconnected World : proceedings 2017 / p. 1-8 : ill. [USB] <https://doi.org/10.23919/PICMET.2017.8125425>

An ontology engineering case study for advanced digital forensic analysis

Chikul, Pavel; Bahsi, Hayretdin; Maennel, Olaf Manuel Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 67–74 https://doi.org/10.1007/978-3-030-78428-7_6 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Ontology integration : approaches and challenging issues

Osman, Ines; **Ben Yahia, Sadok**; Diallo, Gayo Information Fusion 2021 / p. 38-63 : ill <https://doi.org/10.1016/j.inffus.2021.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ontology modeling of the Estonian Traffic Act for self-driving buses

Nogales, Alberto; **Täks, Ermo; Taveter, Kuldar** Information Management and Big Data : 5th International Conference : SIMBig 2018, Lima, Peru, September 3–5, 2018 : proceedings 2019 / p. 249-256 https://doi.org/10.1007/978-3-030-11680-4_24 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Open diagrams via Coend calculus

Roman Garcia, Mario Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 65-78 : ill <https://doi.org/10.4204/EPTCS.333.5> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Open government data co-created public services = Avaliku sektori avaandmete põhjal koosloodud avalikud teenused

McBride, Keegan David Braun 2020 <https://digikogu.taltech.ee/et/Item/e75082ae-9115-48c0-9526-09466e8a6698>

Open source dataset generator for power quality disturbances with deep-learning reference classifiers

Machlev, Ram; Chachkes, A.; **Belikov, Juri**; Beck, Yuval; Levron, Yoash Electric power systems research 2021 / art. 107152, 7 p. : ill <https://doi.org/10.1016/j.eprsr.2021.107152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operational semantics of weak sequential composition = Nõrga jadakompositsiooni operatsioonsemantika

Maarand, Hendrik 2020 <https://digikogu.taltech.ee/et/Item/40485316-9724-464b-9428-5686ad3814eb>

Operational semantics with semicommutations

Maarand, Hendrik; Uustalu, Tarmo 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. 40-43 <https://doi.org/10.23658/taltech.nwpt2019> <https://cs.ttu.ee/events/nwpt2019/abstracts/paper24.pdf>

Operational semantics with semicommutations

Maarand, Hendrik; Uustalu, Tarmo Journal of logical and algebraic methods in programming 2021 / art. 100677, 27 p <https://doi.org/10.1016/j.jlamp.2021.100677> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Operator impressions of 3D visualizations for cybersecurity analysts

Kullman, Kaur; Ben-Asher, Noam; Sample, Char Abstracts and conference materials for the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019 2019 / p. 31-32 <https://www.academic-conferences.org/conferences/eccws/eccws-future-and-past/>

Operator impressions of 3D visualizations for cybersecurity analysts

Kullman, Kaur; Ben-Asher, Noam; Sample, Char Proceedings of the 18th European Conference on Cyber Warfare and Security, University of Coimbra Portugal, 4-5th July 2019 2019 / p. 257–266 https://www.researchgate.net/publication/334226184_Operator_Impressions_of_3D_Visualizations_for_Cybersecurity_Analysts

Optics for premonoidal categories

Hefford, James; **Roman Garcia, Mario** arXiv.org 2023 / p. 152-171 : ill <https://doi.org/10.48550/arXiv.2305.02906>

An optimal control method for an autonomous surface vessel for environment monitoring and cargo transportation applications

Astrov, Igor; Udal, Andres; Mölder, Heigo 2021 25th International Conference Electronics : Proceedings of the 25th International Conference : ELECTRONICS 2021, Kaunas University of Technology, 14th–16th June, 2021, Palanga, Lithuania 2021 / 6 p <https://doi.org/10.1109/IEEECONF52705.2021.9467483>

An optimal control method for storage systems with ramp constraints, based on an on-going trimming process

Zargari, Noa; Ofir, Ron; Chowdhury, Nilanjan Roy; **Belikov, Juri**; Levron, Yoash IEEE Transactions on Control Systems Technology 2023 / p. 493-496 <https://doi.org/10.1109/TCST.2022.3169906>

Optimal control of Lossy energy storage systems with nonlinear efficiency based on dynamic programming and Pontryagin's minimum principle

Chowdhury, Nilanjan Roy; Ofir, Ron; Zargari, Noa; Baimel, Dmitry; **Belikov, Juri**; Levron, Yoash IEEE transactions on energy conversion 2021 / p. 524-533 <https://doi.org/10.1109/TEC.2020.3004191> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Outdoor thermal comfort optimization in a cold climate to mitigate the level of urban heat island in an urban area
Eslamirad, Nasim; Sepulveda Luque, Abel; De Luca, Francesco; Lylykangas, Kimmo Sakari; Ben Yahia, Sadok Energies
2023 / art. 4546, 28 p. : ill <https://doi.org/10.3390/en16124546>

Overcoming challenges in the silver economy by connecting services in the Silver Hub : the tool to provide the basis for the innovative solutions

Kangilaski, Taivo; Butt, Sidra Azmat; Pappel, Ingrid; Kangilaski, Erik Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2021), 6 - 8 October 2021, Athens, Greece 2021 / p. 231-237 : ill
<https://doi.org/10.1145/3494193.3494225> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Paljastus sajandi suurim tarkvaraprobleem

Piir, Rait; Malmberg, Kristi; Tammet, Tanel Postimees 2018 / lk. 10 [TTÜ professor suurest kiibiveast: paljastus sajandi tõsisem turvaprobleem](#)

Parabasis : Cyber-diplomacy in Stalemate

Tikk, Eneken; Kerttunen, Mika 2018 https://www.academia.edu/38195740/Tikk_Kerttunen_Parabasis_Cyber-diplomacy_in_stalemate.pdf

Parkinson's disease diagnostics based on the analysis of digital sentence writing test

Netšunajev, Aleksei; Nömm, Sven; Toomela, Aaro; Medijainen, Kadri; Taba, Pille Vietnam journal of computer science 2021 / p. 493-512 <https://doi.org/10.1142/S2196888821500238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Partial and relational algebraic theories = Osalised ja relatsioonilised algebralised teooriad

Nester, Chad Mitchell 2024 https://www.ester.ee/record=b5650413*est <https://digikogu.taltech.ee/et/Item/696327ea-955a-45ad-bf93-bca34084131f> <https://doi.org/10.23658/taltech.4/2024>

Partiality and container monads

Uustalu, Tarmo; Veltri, Niccolo 23rd International Conference on Types for Proofs and Programs, TYPES 2017, Budapest, Hungary, 29 May - 1 June 2017 : abstracts 2017 / p. 99-100 <http://types2017.elte.hu/proc.pdf#page=107>

Partiality and container monads

Uustalu, Tarmo; Veltri, Niccolo Programming Languages and Systems : 15th Asian Symposium, APLAS 2017, Suzhou, China, November 27–29, 2017 : proceedings 2017 / p. 406-425 : ill http://dx.doi.org/10.1007/978-3-319-71237-6_20

Pattern based software architecture for predictive maintenance

Torim, Ants; Liiv, Innar; Ounoughi, Chahinez; Ben Yahia, Sadok Nordic Artificial Intelligence Research and Development : 4th Symposium of the Norwegian AI Society, NAIS 2022, Oslo, Norway, May 31 - June 1, 2022 : revised selected papers 2022 / p. 26-38
https://doi.org/10.1007/978-3-031-17030-0_3 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Pavement defect segmentation in orthoframes with a pipeline of three convolutional neural networks

Lõuk, Roland; Riid, Andri; Pihlak, Rene; Tepljakov, Aleksei Algorithms 2020 / art. 198, 27 p. : ill <https://doi.org/10.3390/a13080198>
[Journal metrics at scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pavement distress detection with deep learning using the orthoframes acquired by a mobile mapping system

Riid, Andri; Lõuk, Roland; Pihlak, Rene; Tepljakov, Aleksei; Vassiljeva, Kristina Applied sciences 2019 / art. 4829, 22 p. : ill
<https://doi.org/10.3390/app9224829> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pedagogical challenges and ethical considerations in developing critical thinking in cybersecurity

Lorenz, Birgy; Kikkas, Kaido Proceedings IEEE 20th International Conference on Advanced Learning Technologies, ICALT 2020 : 6–9 July 2020, Online 2020 / p. 262-263 <https://doi.org/10.1109/ICALT49669.2020.00085>

A peer-to-peer data sharing framework for Web browsers : analysis and evaluation

Pattanaik, Vishwajeet; Sharvadze, Ioane; Draheim, Dirk SN Computer Science 2020 / art. 214, 10 p <https://doi.org/10.1007/s42979-020-00236-6>

Performance benchmarking of NewSQL databases with Yahoo cloud serving benchmark

Astrova, Irina; Koschel, Arne; Wellermann, Nils; Klostermeyer, Philip Proceedings of the Future Technologies Conference (FTC) 2020 ; vol. 2 2021 / p. 271-281 https://doi.org/10.1007/978-3-030-63089-8_17 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Personal control of privacy and data : Estonian experience

Priisalu, Jaan; Ottis, Rain Health and technology 2017 / p. 441-451 <https://doi.org/10.1007/s12553-017-0195-1>

PF-FEDG : an open-source data generator for frequency disturbance event detection with deep-learning reference classifiers

Sun, Zhenglong; Ram, Machlev; Jiang, Chao; Wang, Qianchao; Michael, Perl; Belikov, Juri; Yoash, Levron Energy reports 2023 / p. 397-413 <https://doi.org/10.1016/j.egy.2022.11.182>

Piiri ületavaid sõidukeid valgustavad läbi Hiina riigifirma röntgenseadmed = Багаж в аэропорту и транспорт на границе просвечивает потенциально опасная китайская техника

Voltri, Johannes err.ee 2024 [Piiri ületavaid sõidukeid valgustavad läbi Hiina riigifirma röntgenseadmed](#)

Pirtsakas Helena

Luczkowski, Teodor Tehnikamaailm 2018 / lk. 67-68 : fot http://www.ester.ee/record=b1073050*est

Place Recommendation with Geo-tagged Photos = Geomärgistega fotode kaevandamine reisisoovitusteks

Järv, Priit 2020 <https://digikogu.taltech.ee/et/Item/11837157-6303-4200-b080-c682e65b39e0>

Planning cyberspace operations: Exercise crossed swords case study

Arik, Marko; Venables, Adrian; Ottis, Rain Journal of information warfare 2022 / p. 67–78

https://www.jinfowar.com/sites/default/files/Planning%20Cyberspace%20Operations_0.pdf

Plotkin's call-by-value λ -calculus as a modal calculus

Espírito Santo, José; Pinto, Luis; **Uustalu, Tarmo** Journal of Logical and Algebraic Methods in Programming 2022 / art. 100775, 17

p <https://doi.org/10.1016/j.jlamp.2022.100775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Popov form and the explicit equations of inverse systems

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; Tönso, Maris; Wyrwas, Małgorzata Proceedings of the Estonian Academy of Sciences 2018 / p. 432-355 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-342-355.pdf

<https://doi.org/10.3176/proc.2018.4.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Post-surjectivity and balancedness of cellular automata over groups

Capobianco, Silvio; Kari, Jarkko; Taati, Siamak Discrete mathematics and theoretical computer science 2017 / art. 4, p. 1-16 : ill

<http://dx.doi.org/10.23638/DMTCS-19-3-4>

Potential effects of empowering leadership over time : a longitudinal study in nuclear power plants

Martinez-Corcoles, Mario; Tomas, I.; Gracia, Franciso J. EAWOP 2017 abstract book 2017 / p. 362

http://www.eawop.org/ckeditor_assets/attachments/855/final_version_abstract_book_dublin_2017.pdf?1497813734

Potential for increasing the ICT adaption and identifying technology readiness in the silver economy : case of Estonia

Butt, Sidra Azmat; Pappel, Ingrid; Öunapuu, Enn Electronic Governance and Open Society: Challenges in Eurasia : 7th

International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 139-155

https://doi.org/10.1007/978-3-030-67238-6_10 [Conference proceeding Article at Scopus](#)

PPCSA: Partial Participation-Based Compressed and Secure Aggregation in Federated Learning

Moustafa, Ahmed; Asad, Muhammad; Shaukat, Saima; **Norta, Alexander** Advanced Information Networking and Applications : Proceedings of the 35th International Conference on Advanced Information Networking and Applications (AINA-2021), Volume 2

2021 / p. 345–357 https://doi.org/10.1007/978-3-030-75075-6_28 [Conference proceedings at Scopus](#) [Article at Scopus](#)

PPDP 2021 : 23rd International Symposium on Principles and Practice of Declarative Programming

2021 <https://dl.acm.org/doi/proceedings/10.1145/3479394>

Practical demand side management: one day case study

Köse, Ahmet; Hokmabad, Hossein Nourollahi; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard Healthy Buildings 2023

Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 36-42 <https://www.proceedings.com/content/070/070278webtoc.pdf>

Practical path planning techniques in overtaking for autonomous shuttles

Malayjerdi, Ehsan; Sell, Raivo; Malayjerdi, Mohsen; Udal, Andres; Bellone, Mauro Journal of field robotics 2022 / p. 410-425

<https://doi.org/10.1002/rob.22057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Practices for supervising master's theses in company context : an anti-pattern approach

Jaakkola, Hannu; Mikkonen, Tommi; Systä, Kari; **Henno, Jaak** 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO), 23-27 May 2022, Opatija, Croatia : proceedings 2022 / p. 609-614

<https://doi.org/10.23919/MIPRO55190.2022.9803528>

Predictability limits in session-based next item recommendation

Järv, Priit RecSys '19: Thirteenth ACM Conference on Recommender Systems, Copenhagen Denmark, September, 2019 2019 / p. 146–150

<https://doi.org/10.1145/3298689.3346990>

Predicting psychiatric diseases using autoAI : a performance analysis based on health insurance billing data

Bertl, Markus; Ross, Peeter; Draheim, Dirk Database and Expert Systems Applications : 32nd International Conference, DEXA

2021, Virtual Event, September 27-30, 2021 : proceedings. Part I 2021 / p. 104-111 https://doi.org/10.1007/978-3-030-86472-9_9

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

Predictive smart thermostat controller for heating, ventilation, and air-conditioning systems

Soudari, Mallikarjun; **Kaparin, Vadim**; Srinivasan, Seshadhri; Seshadhri, Subathra; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2018 / p. 291-299 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_3/proc-2018-3-291-299.pdf
<https://doi.org/10.3176/proc.2018.3.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preemia olulise sotsiaal-majandusliku mõjuga innovaatilise tooteni viinud teaduslikul avastusel põhineva teadus- ja arendustöö eest : Ahto Buldas. Minu teadus : usaldus, saladused, aeg ja plokiahelad

Buldas, Ahto Eesti Vabariigi preemiad 2018 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2018 / lk. 64-75 : portr

Preface

Uustalu, Tarmo; Vain, Jüri 31st Nordic Workshop on Programming Theory, NWPT 2019, Tallinn, Estonia, 13-15 November 2019 : abstracts 2019 / p. iii <https://doi.org/10.23658/taltech.nwpt/2019>

Preface

Fischer, Bernd; **Uustalu, Tarmo** Theoretical Aspects of Computing - ICTAC 2018 : 15th International Colloquium, Stellenbosch, South Africa, October 16-19, 2018 : proceedings 2018 / p. V-VI <https://link.springer.com/content/pdf/bfm%3A978-3-030-02508-3%2F1.pdf>
https://www.ester.ee/record=b5174218*est <https://doi.org/10.1007/978-3-030-02508-3> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Preface

Bellatreche, Ladjel; Chernishev, George; Corral, Antonio; Ouchani, Samir; **Vain, Jüri** 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. v-vii <https://link.springer.com/content/pdf/bfm:978-3-030-87657-9/1?pdf=chapter%20toc> [Article collection metrics at Scopus](#) [Article at Scopus](#)

Preface

Jallouli, Rim; Tobji, Mohamed Anis Bach; Mcheick, Hamid; **Piho, Gunnar** Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15-17, 2021 : proceedings 2021 / p. v-vi <https://link.springer.com/content/pdf/bfm:978-3-030-92909-1/1> [Collection metrics at Scopus](#) [Article at Scopus](#)

Preface

Attiogbe, Christian; **Ben Yahia, Sadok** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21-23, 2021 : proceedings 2021 / p. v-vi <https://doi.org/10.1007/978-3-030-78428-7> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Preface

Johri, Prashant; Anand, Adarsh; **Vain, Jüri**; Singh, Jagvinder; Quasim, Mohammad Tabrez System assurances : modeling and management 2022 <https://doi.org/10.1016/B978-0-323-90240-3.09998-7>

Preface

Robal, Tarmo; Haav, Hele-Mai; Penjam, Jaan; Matulevičius, Raimundas Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. v-vi <https://doi.org/10.1007/978-3-030-57672-1> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Preface

Braud, Agnès; Dolques, Xavier; Missaoui, Rokia; Baixeries, Jaume; **Ben Yahia, Sadok**; Bertet, Karell; Cellier, Peggy; Cordero, Pablo; Couceiro, Miguel; Cristea, Diana; Demko, Christophe; Eklund, Peter Analyzing Real Data with Formal Concept Analysis 2021 / p. 4 <https://ceur-ws.org/Vol-3151/xpreface.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Pregnancy associated breast cancer gene expressions : new insights on their regulation based on rare correlated patterns

Bouasker, Souad; **Inoubli, Wissem; Ben Yahia, Sadok**; Diallo, Gayo IEEE/ACM transactions on computational biology and bioinformatics 2021 / p. 1035-1048 <https://doi.org/10.1109/TCBB.2020.3015236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preliminary analysis of cyberterrorism threats to internet of things (IoT) applications

Balogun, Mobolarinwa; **Bahsi, Hayretidin**; Karabacak, Bilge Terrorists' use of the Internet 2017 / p. 49-58 <http://doi.org/10.3233/978-1-61499-765-8-49>

Preliminary analysis of cyberterrorism threats to internet of things (IoT) applications [Online resource]

Bahsi, Hayretidin Advanced Research Workshop supported by the NATO Science for Peace and Security Programme, Terrorists' Use of the Internet : assessment and response 2016 / p. 8 <http://www.cyberterrorism-project.org/wp-content/uploads/2016/11/Terrorists%E2%80%99-Use-of-the-Internet-Assessment-and-Response.pdf>

Prerequisites for the adoption of the X - Road Interoperability and data exchange framework : a comparative study

Saputro, Rois; Pappel, Ingrid; Vainsalu, Heiko; **Lips, Silvia; Draheim, Dirk** 2020 Seventh International Conference on eDemocracy & eGovernment (ICEDEG), Buenos Aires, Argentina, April 22-24, 2020 : proceedings 2020 / p. 216-222

<https://doi.org/10.1109/ICEDEG48599.2020.9096704>

Pretraining approaches for spoken language recognition : TalTech submission to the OLR 2021 Challenge

Alumäe, Tanel; Kukk, Kunnar The Speaker and Language Recognition Workshop (Odyssey 2022), 28 June - 1 July 2022, Beijing, China : proceedings 2022 / p. 240–247 <https://doi.org/10.21437/Odyssey.2022-34>

Print(memcpy())

Kütt, Andres 2022 https://www.ester.ee/record=b5530348*est

A privacy-protecting data-exchange wallet with ownership- and monetization capabilities

Norta, Alexander; Hawthorne, Daniel; Engel, Serafin L. 2018 International Joint Conference on Neural Networks (IJCNN) : 2018 proceedings 2018 / p. 4121–4128 : ill <https://doi.org/10.1109/IJCNN.2018.8489551> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A private cloud for data mining education

Koschel, Arne; Heine, Felix; **Astrova, Irina; Astrov, Igor** 2018 Sixth International Conference on Enterprise Systems : ES 2018 : 1–2 October 2018, Limassol, Cyprus : proceedings 2018 / p. 129–133 : ill <http://doi.org/10.1109/ES.2018.00027>

The Private Sector's Role in e-Government from a Legal Perspective

Lõhmus, Kaisa; Nyman-Metcalf, Katrin Merike; Ahmed, Rozha Kamal; Pappel, Ingrid; Draheim, Dirk Fourth International Congress on Information and Communication Technology : ICICT 2019, London, Volume 2 2020 / p. 283–298 https://doi.org/10.1007/978-981-32-9343-4_22 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Proceedings of the 3rd Interdisciplinary Cyber Research Workshop 2017 : 8th of July 2017 [Online resource]

2017 http://www.ester.ee/record=b4684355*est https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/crw2017_final.pdf

Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 [Online resource]

2018 https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf https://www.ester.ee/record=b5139478*est

Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology [Online resource]

2019 https://www.ester.ee/record=b5238490*est

Production of Estonian consonantal quantity contrasts by Latvian subjects

Meister, Einar; Meister, Lya Linguistica Lettica 2017 / p. 88–108 http://www.lulavi.lv/media/upload/tiny/files/LL25_kopsav+litterat.pdf

Production of Estonian vowels by Finnish speakers

Meister, Einar; Meister, Lya Kõneuurimise suundi II = Aspects of speech studies II 2019 / p. 129–143 : ill <https://doi.org/10.12697/jeful.2019.10.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The produoidal algebra of process decomposition

Earnshaw, Matthew David; Hefford, James; **Roman Garcia, Mario** arXiv.org 2023 / 56 p. : ill <https://doi.org/10.48550/arXiv.2301.11867>

Professor: Hiina tehnoloogias täielikult loobuda on väga keeruline = Professor: It is very difficult to completely abandon Chinese technology

Einmaa, Iida-Mai err.ee 2024 [Professor: Hiina tehnoloogias täielikult loobuda on väga keeruline](#) [Professor: It is very difficult to completely abandon Chinese technology](#)

Professor: OpenAI algne tehisintellekti demokratiseerimise plaan on nurjunud

Klementi, Joakim err.ee 2023 [Professor: OpenAI algne tehisintellekti demokratiseerimise plaan on nurjunud](#) Профессор ТТУ: искусственный интеллект уходит под контроль корпораций

Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta

goodnews.ee 2023 [Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta](#) [Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta](#)

Profunctor optics : a categorical update

Clarke, Bryce; Elkins, Derek; Gibbons, Jeremy; Loregian, Fosco; Milewski, Bartosz; Pillmore, Emily; **Roman Garcia, Mario** arXiv.org 2022 / 45 p <https://doi.org/10.48550/arXiv.2001.07488>

Programmi RITA tegevuse 1 projekti „Masinõppe ja AI toega teenused“ lõpparuanne

Solvak, Mihkel; Vilo, Jaak; Reisberg, Sulev; Tamm, Sirli; Oja, Marek; Ligi, Kadri; Unt, Taavi; Võrk, Andres; Leets, Peeter; **Tammet, Tanel; Vaarandi, Risto; Nõmm, Sven; Lepik, Toomas; Lember, Veiko; Nõmmik, Steven; Noordt, Colin Pascal van; Kerikmäe, Tanel** 2022 [Programmi RITA tegevuse 1 projekti „Masinõppe ja AI toega teenused“ lõpparuanne](#)

Programming basics for beginners : experience of the Institute of Informatics at Tallinn University of Technology
Mironova, Olga; Amitan, Irina; Vilipõld, Jüri Proceedings of 2017 IEEE Global Engineering Education Conference (EDUCON) : 25-28 April 2017, Athens, Greece 2017 / p. 735-739 <https://doi.org/10.1109/EDUCON.2017.7942929>

Programming basics for beginners : experience of the Institute of Informatics at Tallinn University of Technology
Mironova, Olga; Amitan, Irina; Vilipõld, Jüri International journal of engineering pedagogy 2017 / p. 7-18
<https://doi.org/10.3991/ijep.v7i4.7425>

Progress in development of the resonant tunneling diodes as promising compact sources at the THz gap bottom
Udal, Andres; Jaanus, Martin; Valušis, Gintaras; Kašalynas, Irmantas; Ikonic, Zoran; Indjin, Dragan THz for CBRN and explosives detection and diagnosis 2017 / p. 169-178 http://doi.org/10.1007/978-94-024-1093-8_20

Promonads and string diagrams for effectful categories
Roman Garcia, Mario arXiv.org 2023 / p. 344-361 : ill <https://doi.org/10.4204/EPTCS.380.20>

Proof theory of partially normal skew monoidal categories
Uustalu, Tarmo; Veltri, Niccolo; Zeilberger, Noam Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 1-17 <https://doi.org/10.48550/arXiv.2101.10487> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Proof theory of skew non-commutative MILL
Uustalu, Tarmo; Veltri, Niccolo; Wan, Cheng-Syuan Proceedings of 10th International Conference on Non-Classical Logics. Theory and Applications, NCL 2022, 14. March, 2022 2022 / p. 118-135 <https://doi.org/10.4204/EPTCS.358.9> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A proof-theoretic study of bi-intuitionistic propositional sequent calculus
Pinto, Luis; Uustalu, Tarmo Journal of logic and computation 2018 / p. 165-202 <https://doi.org/10.1093/logcom/exx044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prospective research topics towards preserving electronic health records in decentralised content-addressable storage networks
Klementi, Toomas; Kankainen, Kristian Juha Ismo; Piho, Gunnar; Ross, Peeter HEDA 2022 : The International Health Data Workshop HEDA 2022 2022 / code 184051 https://ceur-ws.org/Vol-3264/HEDA22_paper_7.pdf [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Protocol choice and iteration for the free cornering
Nester, Chad Mitchell; Voorneveld, Niels Journal of logical and algebraic methods in programming 2024 / art. 100942, 30 p <https://doi.org/10.1016/j.jlamp.2023.100942>

Provably correct aspect-oriented modeling with UPPAAL timed automata
Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gerd System assurances : modeling and management 2022 / p. 447-476
<https://doi.org/10.1016/B978-0-323-90240-3.00025-4>

Provably correct configuration management of precision feeding in Agriculture4.0
Kanter, Gert; Vain, Jüri; Srinivasan, Seshadhri; Ramaswamy, Srin 2019 IEEE International Conference on Systems, Man and Cybernetics (SMC) 2019 / p. 1631–1637 : ill <https://doi.org/10.1109/SMC.2019.8914057>

Providing feedback for students in E-learning systems : a literature review, based on IEEE Explore Digital Library
Shvets, Oleg; Murtazin, Kristina; 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. 284-289 : ill <https://doi.org/10.1109/EDUCON45650.2020.9125344>

A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm
Norta, Alexander; Dai, Patrick; Mahi, Neil; Earls, Jordan Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18–20, 2018 : Revised Papers 2019 / p. 368-380 https://doi.org/10.1007/978-3-030-04849-5_33 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Qiao, H.; Zhao, T. On covers of acts over monoids with condition (PF'') and envelopes of S-acts : [review]
Henno, Jaak zbMATH Open 2022 <https://zbmath.org/1484.20114>

Quality and accuracy of digital twin models for the neighbourhood level building energy performance calculations
Parts, Egert-Ronald; Pikas, Ergo; Parts, Tuule Mall; Arumägi, Endrik; Liiv, Innar E3S Web of Conferences : 11th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, IAQVEC2023 2023 / art. 04021
<https://doi.org/10.1051/e3sconf/202339604021>

Quantification of building envelope heat losses on a district level for comparative renovation strategies assessment
Arumägi, Endrik; Hallik, Jaanus; Pikas, Ergo; Kalamees, Targo; Liiv, Innar; Kisel, Einari Journal of Physics: Conference Series
2023 / 10 p <https://doi.org/10.1088/1742-6596/2654/1/012003>

Query learning-based scheme for pertinent resource lookup in Mobile P2P network
Yeferny, Taoufik; Hamad, Sofian; **Ben Yahia, Sadok** IEEE Access 2019 / art. 6287639, p. 49059-49068
<https://doi.org/10.1109/ACCESS.2019.2910117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quotienting the delay monad by weak bisimilarity
Chapman, James; **Uustalu, Tarmo; Veltri, Niccolo** Mathematical structures in computer science 2019 / p. 67-92
<https://doi.org/10.1017/s0960129517000184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quotients and atoms of reversible languages
Tamm, Hellis Theoretical Computer Science 2022 / p. 33-45 <https://doi.org/10.1016/j.tcs.2022.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quotients and atoms of reversible languages
Tamm, Hellis Formal Methods : FM 2019 International Workshops, Porto, Portugal, October 7-11, 2019, Revised Selected Papers, Part II 2020 / p. 443-455 https://doi.org/10.1007/978-3-030-54997-8_28 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Rahaedu põhimõtted : kuidas haarata kontroll oma rahaasjade üle ja saavutada rahaline vabadus
Liivamägi, Kristjan; Talpsepp, Tõnn; Vaarmets, Tarvo 2020 https://www.ester.ee/record=b5342395*est

Rain Ottis : tõsised mängud kübermaailmas [Võrguväljaanne]
Ottis, Rain err.ee 2019 / fot [Rain Ottis: tõsised mängud kübermaailmas](#)

Readiness of small energy markets and electric power grids to global health crises: Lessons from the COVID-19 pandemic
Carmon, David; Navon, Aviad; Machlev, Ram; **Belikov, Juri;** Levron, Yoash IEEE Access 2020 / art. 9139437, p. 127234-127243
<https://doi.org/10.1109/ACCESS.2020.3008929> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realisation of linear time-varying systems
Kotta, Ülle; Tõnso, Maris International journal of control 2017 / p. 1951-1956 <https://doi.org/10.1080/00207179.2016.1230891>

Realization of nonlinear input-output equations in controller canonical form
Kaldmäe, Arvo; Kotta, Ülle Kybernetika 2018 / p. 736-747 <https://doi.org/10.14736/kyb-2018-4-0736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realization of nonlinear time-delay input-output equations
Kaldmäe, Arvo; Kotta, Ülle; Tõnso, Maris IEEE Control Systems Letters 2018 / p. 369-374
<https://doi.org/10.1109/LCSYS.2018.2838456> [Journal metrics at Scopus](#) [Article at Scopus](#)

Realization of time-delay systems
Kaldmäe, Arvo; Kotta, Ülle Automatica 2018 / p. 317-320 <https://doi.org/10.1016/j.automatica.2018.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Realizations in feedforward forms of nonlinear input-output equations with time-delays
Kaldmäe, Arvo; Kawano, Yu; **Kotta, Ülle** International journal of robust and nonlinear control 2020 / p. 7560-7573
<https://doi.org/10.1002/rnc.5194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real-time localization and visualization of a sound source for virtual reality application
Köse, Ahmet; Tepljakov, Aleksei; Astapov, Sergei 2017 25th International Conference on Software, Telecommunications and Computer Networks (SoftCOM) : Split, Croatia, September 21-23, 2017 2017 / p 219-224 : ill
<https://doi.org/10.23919/SOFTCOM.2017.8115577> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Recognition of creaky voice from emergency calls
Tavi, Lauri; **Alumäe, Tanel;** Werner, Stefan INTERSPEECH 2019 : "Crossroads of speech and language" : Grac-Austria, September 15th-19th 2019 2019 / p. 191 https://www.isca-speech.org/archive/Interspeech_2019/booklet.pdf

Recognition of creaky voice from emergency calls
Tavi, Lauri; Alumäe, Tanel; Werner, Stefan Interspeech 2019 : 15-19 September 2019, Graz 2019 / p. 1990-1994 : ill
<https://doi.org/10.21437/Interspeech.2019-1253>

Recommendations for enhancing the results of cyber effects
Orye, Erwin; **Maennel, Olaf Manuel** 2019 : 11th International Conference on Cyber Conflict : Silent Battle : 28 May-31 May 2019,

Tallinn, Estonia : proceedings 2019 / p. 103-121 https://www.estee.ee/record=b5197210*est
https://ccdcoc.org/uploads/2019/06/CyCon_2019_BOOK.pdf <https://doi.org/10.23919/CYCON.2019.8756649>

Reconstructing timed symbolic traces from rtico-based timed test sequences using backward induction

Iqbal, Junaid; Truscan, Dragos; **Vain, Jüri**; Porres, Ivan Proceedings of the Fifth European Conference on the Engineering of Computer-Based Systems 2017 / 10 pages : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85030308212&doi=10.1145%2f3123779.3123813&partnerID=40&md5=f8e67104732f8b81c63e00a4dbaf645e>

Reducing energy consumption with IoT prototyping

Saari, Mika; Sillberg, Pekka; Grönman, Jere; **Henno, Jaak** Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 73–91 : ill <https://doi.org/10.12700/APH.16.9.2019.9.5> http://acta.uni-obuda.hu/Saari_Sillberg_Gronman_Kuusisto_Rantanen_Jaakkola_Henno_96.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Refactoring - key to success for constantly developed projects

Pöld, Janari; Kalja, Ahto; Robal, Tarmo Information modelling and knowledge bases XXVIII 2017 / p. 13-22
<https://doi.org/10.3233/978-1-61499-720-7-13>

A reference decision model of first responders' decision-making

Rosquist, Tony; Havik, Denis; **Meriste, Merik** International journal of emergency management 2017 / p. 193-209
<https://doi.org/10.1504/IJEM.2017.085003>

The reference model for work-based learning analytics

Murtazin, Kristina; Shvets, Oleg; Piho, Gunnar; Meeter, Martijn INTED2023 Proceedings 2023 / p. 4151-4157
<https://doi.org/10.21125/inted.2023.1107>

Reflection, rewinding, and coin-toss in EasyCrypt

Firsov, Denis; Unruh, Dominique CPP 2022 - Proceedings of the 11th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2022 2022 / p. 166-179 <https://doi.org/10.1145/3497775.3503693>

Regions of exponential stability in coefficient space for linear systems on nonuniform discrete domains

Belikov, Juri; Kaparin, Vadim Journal of difference equations and applications 2017 / p. 878-892 : ill
<https://doi.org/10.1080/10236198.2017.1304931>

Regular monoidal languages

Earnshaw, Matthew David; Sobocinski, Pawel Maria Leibniz International Proceedings in Informatics, LIPIcs 2022 / p. 44:1-44:14
<https://doi.org/10.4230/LIPIcs.MFCS.2022.44> Conference Proceedings at Scopus Article at Scopus

Relmagine lab : bridging the gap between hands-on, virtual and remote control engineering laboratories using digital twins and extended reality

Alsaleh, Saleh Ragheb Saleh; Tepljakov, Aleksei; Köse, Ahmet; Belikov, Juri; Petlenkov, Eduard IEEE Access 2022 / p. 89924-889943 : ill <https://doi.org/10.1109/ACCESS.2022.3199371> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reinforcement learning based approach for virtual inertia control in microgrids with renewable energy sources

Škiparev, Vjatšeslav; Belikov, Juri; Petlenkov, Eduard Proceedings of 2020 IEEE PES Innovative Smart Grid Technologies Europe (ISGT-Europe), 26-28 October, 2020 2020 / p. 1020-1024 <https://doi.org/10.1109/ISGT-Europe47291.2020.9248777>

Reinforcement learning based MIMO controller for virtual inertia control in isolated microgrids

Škiparev, Vjatšeslav; Belikov, Juri; Petlenkov, Eduard; Levron, Yoash 2022 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) : proceedings 2022 / art. 184786, 5 p. : ill <https://doi.org/10.1109/ISGT-Europe54678.2022.9960447>