

### **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](#)

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

Rincon-Yanez, Diego; **Ounoughi, Chahinez; Sellami, Bassem; Kalvet, Tarmo; Tiits, Marek; Senatore, Sabrina; Ben Yahia, Sadok** Journal of King Saud University - computer and information sciences 2023 / art. 101789, 11 p  
<https://doi.org/10.1016/j.jksuci.2023.101789> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Acyclicity conditions on pasting diagrams**

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

### **Adaptive controller for networked control systems subjected to random communication delays**

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

### **Adaptive Extended Kalman Filter position estimation based on Ultra-Wideband Active-Passive Ranging Protocol**

**Laadung, Taavi;** Ulp, Sander; **Fjodorov, Aleksei; Alam, Muhammad Mahtab; Le Moullec, Yannick** IEEE Access 2023 / p. 92575-92588 <https://doi.org/10.1109/ACCESS.2023.3308696> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Adaptive virtual inertia-damping system based on model predictive control for low-inertia microgrids**

Fawzy, Asmaa; **Bakeer, Abualkasim Ahmed Ali; Magdy, Gaber;** Atawi, Ibrahim E.; Roshdy, Mohamed IEEE Access 2021 / p. 109718 - 109731 <https://doi.org/10.1109/ACCESS.2021.3101887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-319-70004-5_15) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **AI technologies and their applications in small-scale electric power systems**

**Shahid, Arqum; Plaum, Freddy; Korötko, Tarmo; Rosin, Argo** IEEE Access 2024 / p. 109984-110001  
<https://doi.org/10.1109/ACCESS.2024.3440067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Algebraic and coalgebraic perspectives on interaction laws**

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

### **Algorithm for finding zero factor free rules**

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

### **An "almost dual" to Gottschalk's conjecture**

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

### **An expectation-based approach to policy-based security of the Border Gateway Protocol**

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

### **An optimization framework for dynamic pipeline management in computing systems**

Naqvi, Syed Rameez; Zahid, Anjum; Sawalha, Lina; **Jenihhin, Maksim** Computers & electrical engineering 2019 / p. 242-258 : ill  
<https://doi.org/10.1016/j.compeleceng.2019.07.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analysing robustness of tiny deep neural networks**

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

### **Analysis of design requirements and optimization possibilities of partial power converter for photovoltaic string applications in DC microgrids**

**Chub, Andrii; Hassanpour, Naser; Yadav, Neelesh; Jalakas, Tanel; Blinov, Andrei; Vinnikov, Dmitri** IEEE Access 2024 / p. 14605-14619 <https://doi.org/10.1109/ACCESS.2024.3354375> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **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](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](#)

### **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](https://doi.org/10.1007/978-3-030-78428-7_14) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Application of machine learning for assessment of HS code correctness**

**Spitšakova, Margarita; Haav, Hele-Mai** Baltic journal of modern computing 2020 / p. 698-718 <https://doi.org/10.22364/bjmc.2020.8.4.13> [Journal Metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Applying RIS-based communication for collaborative computing in a swarm of drones**

**Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim** IEEE Access 2023 / p. 70093–70109 <https://doi.org/10.1109/ACCESS.2023.3293737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

### **Art and automation of teaching malware reverse engineering**

**Lepik, Toomas; Maennel, Kaie; Ernits, Margus; Maennel, Olaf Manuel** Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 461-472 [https://doi.org/10.1007/978-3-319-91152-6\\_35](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](https://doi.org/10.1007/978-3-030-87802-3_61) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Artificial Intelligence in the hierarchical control of ac, dc and hybrid ac/dc microgrids : A review**

**Gutiérrez-Escalona, J.; Roncero-Clemente, C.; Husev, Oleksandr; Matiushkin, Oleksandr; Blaabjerg, Frede** IEEE Access 2024 / p. 157227-157246 <https://doi.org/10.1109/ACCESS.2024.3486382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**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](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](https://doi.org/10.1007/978-3-030-29374-1_39) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Aspects of using telepresence robot in a higher education STEAM workshop**

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

**Assertive and existential graphs : a comparison**

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

**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](https://doi.org/10.1007/978-3-662-56266-6_6) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Assessment of the eID ecosystem as a part of the state's critical infrastructure : the case of Estonia**

**Bejussova, Karolina; Lips, Silvia; Ahmed, Rozha Kamal; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 13th International Conference, EGOVIS 2024, Naples, Italy, August 26–28, 2024, Proceedings 2024 / p. 88 - 102 [https://doi.org/10.1007/978-3-031-68211-7\\_8](https://doi.org/10.1007/978-3-031-68211-7_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Assessment of the use of artificial intelligence to support public services : methodology and roadmap**

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

**Attacker profiling in quantitative security assessment based on attack trees**

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

**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](#)

**Authentication using shared knowledge : learning agents**

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

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

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

**Automata and coalgebras in categories of Species**

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

**Automatic generation control of a future multisource power system considering high renewables penetration and electric**

### **vehicles: Egyptian Power System in 2035**

Nour, Morsy; Magdy, Gaber; Chaves-Avila, Jose Pablo; Sanchez-Miralles, Alvaro; **Petlenkov, Eduard** IEEE Access 2022 / p. 51662-51681 : ill <https://doi.org/10.1109/ACCESS.2022.3174080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Automating detection of occurrences of postgresQL database design problems**

**Eessaar, Erki** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 176-189 [https://doi.org/10.1007/978-3-030-57672-1\\_14](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](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 wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality**

**Ahmed, Faisal; Kervadec, Corentin; Le Moullec, Yannick; Tamberg, Gert; Annus, Paul** The Computer Journal 2019 / p. 820 - 837 <https://doi.org/10.1093/comjnl/bxy101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Battery size optimization with customer PV installations and domestic load profile**

**Shabbir, Noman; Kütt, Lauri; Astapov, Victor; Jawad, Muhammad; Allik, Alo; Husev, Oleksandr** IEEE Access 2022 / p. 13012-13025 : ill <https://doi.org/10.1109/ACCESS.2022.3147977> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **BERT and Word embedding for interest mining of Instagram users**

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

### **Beta assertive graphs**

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

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

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

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

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

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

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

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

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

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

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

#### **The Blot**

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

#### **Boundary Mittag-Leffler stabilization of coupled time fractional order reaction–advection–diffusion systems with non-constant coefficients**

Chen, Juan; **Tepļakov, Aleksei**; **Petlenkov, Eduard**; Chen, YangQuan; Zhuang, Bo Systems & control letters 2021 / art. 104875 <https://doi.org/10.1016/j.sysconle.2021.104875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

#### **Building smart city governance competencies : the CAP4CITY training modules**

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

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

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

#### **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](https://doi.org/10.1007/978-3-030-63882-5_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

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

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

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

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

### **A canonical algebra of open transition systems**

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

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

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

### **Carroll diagrams : design and manipulation**

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

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

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

### **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](https://ceur-ws.org/Vol-3264/HEDA22_paper_3.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

### **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](https://doi.org/10.1007/978-3-319-77935-5_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Certified parsing of regular languages**

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

### **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 of teaching programming in StackOverflow era**

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

### **Channel characterization at 2.4 GHz for aerial base station**

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

### **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](https://doi.org/10.1007/978-3-030-61588-8_8) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

### **Clustering-based penalty signal design for flexibility utilization**

**Rosin, Argo; Ahmadiyahangar, Roya; Azizi, Elnaz;** Sahoo, Subham; **Vinnikov, Dmitri;** Blaabjerg, Frede; Dragicevic, Tomislav; Bolouki, Sadeh IEEE Access 2020 / p. 208850-208860 <https://doi.org/10.1109/ACCESS.2020.3038822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Coalgebraic update lenses**

Ahman, Danel; **Uustalu, Tarmo** Electronic notes in theoretical computer science 2014 / p. 25-48 : ill <https://doi.org/10.1016/j.entcs.2014.10.003> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A coalgebraic view of bar recursion and bar induction**

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

### **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](#)

### **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](#)

### **Cogniflow-drop : integrated modular system for automated generation of droplets in microfluidic applications**

**Jõemaa, Rauno; Gyimah, Nafisat; Ashraf, Kanwal; Pärnamets, Kaiser; Zaft, Alexander; Scheler, Ott; Rang, Toomas; Pardy, Tamas** IEEE Access 2023 / p. 104905-104929 <https://doi.org/10.1109/ACCESS.2023.3316726> [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](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://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](#)

### **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 fuzzy and probabilistic reasoning for crowd-sourced categorization and tagging**

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

### **Combining semantic parsing frameworks for automated knowledge base construction**

**Verrev, Martin** AI<sup>3</sup> 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](#)

### **Compact empirical model for droplet generation in a Lab-on-Chip cytometry system**

**Pärnamets, Kaiser; Udal, Andres; Koel, Ants; Pardy, Tamas; Gyimah, Nafisat; Rang, Toomas** IEEE Access 2022 / p. 127708-127717 <https://doi.org/10.1109/ACCESS.2022.3226623> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of LPV and nonlinear system theory : a realization problem**

**Belikov, Juri; Kotta, Ülle; Tönso, Maris** Systems & control letters 2014 / p. 72-78 <https://doi.org/10.1016/j.sysconle.2013.10.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 / p. 281-286 [https://www.eester.ee/record=b5353358\\*est](https://www.eester.ee/record=b5353358*est) <http://ceur-ws.org/Vol-2668/short2.pdf>  
[Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Compensation topologies in IPT Systems : standards, requirements, classification, analysis, comparison and application**

**Shevchenko, Viktor; Husev, Oleksandr;** Strzelecki, Ryszard IEEE Access 2019 / art. 2937891, p. 120559–120580 : ill <https://doi.org/10.1109/ACCESS.2019.2937891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Competencies required for the offensive cyber operations planners**

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

### **A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study**

**Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo;** Zidane, Tekai Eddine Khalil; **Agabus, Hannes;** Mekhilef, Saad IEEE Access 2024 / p. 68232-68248 <https://doi.org/10.1109/ACCESS.2024.3399168> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Compiling cooperative task management to continuations**

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

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

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

### **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](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](#)

### **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](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](#)

### **Comprehensive blended learning concept for teaching micro controller technology utilising HomeLab kits and remote labs in a virtual web environment**

**Seiler, Sven; Sell, Raivo** Transactions on Edutainment. X 2013 / p. 161-177 : ill [https://doi.org/10.1007/978-3-642-37919-2\\_9](https://doi.org/10.1007/978-3-642-37919-2_9) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **A comprehensive survey on revolutionizing connectivity through artificial intelligence-enabled digital twin network in 6G**

**Sheraz, Muhammad; Chuah, Teong Chee; Lee, Ying Loong; Alam, Muhammad Mahtab;** Al-Habashna, Ala'a; Han, Zhu IEEE Access 2024 / p. 49184-49215 <https://doi.org/10.1109/ACCESS.2024.3384272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Computational intelligence methods based design of closed-loop system**

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

### **Computing data lineage and business semantics for data warehouse**

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

### **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](#)

### **Concept of Estonian government cloud and data embassies**

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

### **A conceptual nationwide cyber situational awareness framework for critical infrastructures**

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

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

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

### **Concurrent process histories and resource transducers**

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

### **Confidences for commonsense reasoning.**

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

### **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](#)

### **Container combinatorics : monads and lax monoidal functors**

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

### **Contextual equivalence for signal flow graphs**

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

### **Continuity, connectivity and regularity in spatial diagrams for N terms**

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

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

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

### **Convolutional neural networks for false positive reduction of automatically detected cilia in low magnification TEM images**

**Gupta, Anindya; Suveer, Amit; Lindblad, Joakim; Dragomir, Anca; Sintorn, Ida-Maria; Sladoje, Nataša** Image Analysis, 20th Scandinavian Conference, SCIA 2017, Tromsø, Norway, June 12-14, 2017 : proceedings, Part I 2017 / p. 407-418 : ill [https://doi.org/10.1007/978-3-319-59126-1\\_34](https://doi.org/10.1007/978-3-319-59126-1_34) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Corrections to “Opportunities and Challenges of Utilizing Additive Manufacturing Approaches in Thermal Management of Electrical Machines”**

**Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; Kallaste, Ants; Marques Cardoso, Antonio J.; Belahcen, Anouar; Vaimann, Toomas; Tiismus, Hans; Asad, Bilal** IEEE Access 2021 / p. 62532 <https://doi.org/10.1109/ACCESS.2021.3074827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Corrigendum to Concept drift and cross-device behavior: Challenges and implications for effective android malware detection Computers & Security, Volume 120, 102757 (Computers & Security (2022) 120, (S0167404822001523), (10.1016/j.cose.2022.102757))**

**Guerra-Manzanares, Alejandro; Luckner, Marcin; Bahsi, Hayretidin** Computers and Security 2023 / art. 102998 <https://doi.org/10.1016/j.cose.2022.102998> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Course implementation : value-added mode**

**Kukk, Vello** Learning Technology for Education in Cloud : The Changing Face of Education : 5th International Workshop, LTEC 2016, Hagen, Germany, July 25-28, 2016 : proceedings 2016 / p. 265-273 : ill [https://doi.org/10.1007/978-3-319-42147-6\\_22](https://doi.org/10.1007/978-3-319-42147-6_22) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Covering concept lattices with concept chains**

**Torim, Ants; Mets, Marko; Raun, Kristo** Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1–4, 2019 : proceedings 2019 / p. 190-203 : ill [https://doi.org/10.1007/978-3-030-23182-8\\_14](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](#)

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

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

### **Creating and detecting IPv6 transition mechanism-based information exfiltration covert channels**

Blumbergs, Bernhards; **Pihelgas, Mauno; Kont, Markus; Maennel, Olaf Manuel; Vaarandi, Risto** Secure IT Systems : 21st Nordic Conference, NordSec 2016, Oulu, Finland, November 2-4, 2016 : proceedings 2016 / p. 85-100 : ill [https://doi.org/10.1007/978-3-319-47560-8\\_6](https://doi.org/10.1007/978-3-319-47560-8_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Crisis year 2020 : analysis of Finnish manufacturing companies' Twitter activity**

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Human Centred Intelligent Systems : Proceedings of KES-HCIS 2021 Conference 2021 / p. 36–45 [https://doi.org/10.1007/978-981-16-3264-8\\_4](https://doi.org/10.1007/978-981-16-3264-8_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Cross-disciplinary remote course for mixed group of students and professionals**

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 3-12 [https://doi.org/10.1007/978-3-030-68198-2\\_1](https://doi.org/10.1007/978-3-030-68198-2_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](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](#)

### **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](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 within the curricula of informatics : the Estonian perspective**

**Lorenz, Birgy; Kikkas, Kaido; Sõmer, 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](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](#)

### **DADS : decentralized attestation for device swarms**

Wedaj, Samuel; **Paul, Kolin**; Ribeiro, Vinay J. ACM Transactions on Privacy and Security 2019 / Art. 19 <https://doi.org/10.1145/3325822> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-030-00794-2_43) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Data driven ecosystem - perspectives and problems**

Jaakkola, Hannu; **Henno, Jaak**; Soini, Jari Proceedings of the 4th Workshop of Software Quality, Analysis, Monitoring, Improvement, and Applications (SQAMIA 2015) : Maribor, Slovenia, 8.-10.6.2015 2015 / p. 17-26 : ill [https://www.academia.edu/72389682/Data\\_Driven\\_Ecosystem\\_Perspectives\\_and\\_Problems?uc-sb-sw=31216477](https://www.academia.edu/72389682/Data_Driven_Ecosystem_Perspectives_and_Problems?uc-sb-sw=31216477) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Data exchange for digital government: Where are we heading? ADBIS2021 Keynote**

**Draheim, Dirk** Advances in Databases and Information Systems : 25th European Conference, ADBIS 2021, Tartu, Estonia, August 24–26, 2021 : proceedings 2021 / p. 7-12 [https://doi.org/10.1007/978-3-030-82472-3\\_2](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 integration patterns for data warehouse automation**

**Tomingas, Kalle;** Kliimask, Margus; **Tammet, Tanel** New Trends in Database and Information Systems II : selected papers of the 18th East European Conference on Advances in Databases and Information Systems and Associated Satellite Events, ADBIS 2014 Ohrid, Macedonia, September 7-10, 2014 : proceedings. II 2015 / p. 41-55 [https://doi.org/10.1007/978-3-319-10518-5\\_4](https://doi.org/10.1007/978-3-319-10518-5_4) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Data-based energy provision for smart cities**

**Soe, Ralf-Martin** Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 319-328 [https://doi.org/10.1007/978-3-319-69784-0\\_27](https://doi.org/10.1007/978-3-319-69784-0_27) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **A data-centric algorithm for identifying use cases**

**Eessaar, Erki** Software Engineering Perspectives and Application in Intelligent Systems : proceedings of the 5th Computer Science On-line Conference 2016 (CSOC2016), Vol 2 2016 / p. 303-316 [https://doi.org/10.1007/978-3-319-33622-0\\_28](https://doi.org/10.1007/978-3-319-33622-0_28) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **DC integration of residential photovoltaic systems : a survey**

**Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Vinnikov, Dmitri; Blinov, Andrei** IEEE Access 2022 / p. 66974-66991 <https://doi.org/10.1109/ACCESS.2022.3185788> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](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](#)

#### **A decentralized distribution market mechanism considering renewable generation units with zero marginal costs**

Yang, Jijia; Dong, Zhao Yang; **Wen, Fushuan;** Chen, Guo; Qiao, Yichen IEEE Transactions on Smart Grid 2020 / p. 1724 - 1736 <https://doi.org/10.1109/TSG.2019.2942616> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Decentralized governance for smart contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm**

**Deval, Vipin; Norta, Alexander;** Dai, Patrick; Mahi, Neil; Earls, Jordan Blockchain Technology and Innovations in Business Processes 2021 / p. 67–93 [https://doi.org/10.1007/978-981-33-6470-7\\_5](https://doi.org/10.1007/978-981-33-6470-7_5) [Collection metrics at Scopus](#) [Article at Scopus](#)

#### **Decision-making support for necessity/optionality/contraindication of vaccination against covid-19 considering legal norms**

Hnatchuk, Yelyzaveta; Hovorushchenko, Tetiana; Misiats, Andrii; Herts, Alla; **Boyarchuk, Artem** IDDM 2022 : Proceedings of the 5th International Conference on Informatics and Data-Driven Medicine 2022 / p. 202–213 <https://ceur-ws.org/Vol-3302/> <https://ceur-ws.org/Vol-3302/paper12.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **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](https://doi.org/10.1007/978-3-319-67729-3_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Design and performance of laser additively manufactured core induction motor**

**Tiismus, Hans; Kallaste, Ants; Naseer, Muhammad Usman; Vaimann, Toomas; Rassõlkin, Anton** IEEE Access 2022 / p. 50137-50152 <https://doi.org/10.1109/ACCESS.2022.3173317> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The design of the Estonian governmental document exchange classification framework**

**Draheim, Dirk;** Koosapoeg, Kaarel; **Lauk, Mihkel; Pappel, Ingrid; Pappel, Ingmar; Tepandi, Jaak** Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 33-47 : ill [http://link.springer.com/chapter/10.1007/978-3-319-44159-7\\_3](http://link.springer.com/chapter/10.1007/978-3-319-44159-7_3) [http://www.eston.ee/record=b4645628\\*est](http://www.eston.ee/record=b4645628*est) [https://doi.org/10.1007/978-3-319-44159-7\\_3](https://doi.org/10.1007/978-3-319-44159-7_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Designing a smart-contract application layer for transacting decentralized autonomous organizations**

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

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

**Lips, Silvia;** Aas, Krista; **Pappel, Ingrid; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 8th International Conference, EGOVIS 2019 : Linz, Austria, August 26–29, 2019 : proceedings 2019 / p. 221-234 : ill [https://doi.org/10.1007/978-3-030-27523-5\\_16](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, EGOS 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 320-335 [https://doi.org/10.1007/978-3-030-39296-3\\_24](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](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](#)

### **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](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](https://doi.org/10.1007/978-3-031-15743-1_7) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Determination of core losses using an inverse modeling technique**

**Osemwinyen, Osaruyi; Hemeida, Ahmed; Ghahfarokhi, Payam Shams; Belahcen, Anouar** IEEE Access 2022 / p. 29224-29232 <https://doi.org/10.1109/ACCESS.2022.3158365> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Developing cross-border E-governance: exploring interoperability and cross-border integration**

**Krimmer, Robert Johannes; Dedovic, Stefan; Schmidt, Carsten; Corici, Andreea-Ancuta** Electronic participation : 13th IFIP WG 8.5 International Conference, ePart 2021, Granada, Spain, September 7-9, 2021 : proceedings 2021 / p. 107-124 : ill [https://doi.org/10.1007/978-3-030-82824-0\\_9](https://doi.org/10.1007/978-3-030-82824-0_9) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Development of children's cyber security competencies in Estonia**

**Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi** Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 473-482 [https://doi.org/10.1007/978-3-319-91152-6\\_36](https://doi.org/10.1007/978-3-319-91152-6_36) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Development of critical thinking and reflection**

**Rüütman, Tiia** The Challenges of the Digital Transformation in Education : proceedings of the 21st International Conference on Interactive Collaborative Learning (ICL2018) - Volume 2 2019 / p. 895-906 [https://doi.org/10.1007/978-3-030-11935-5\\_85](https://doi.org/10.1007/978-3-030-11935-5_85) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Devising an urban learning centre for municipalities in Eastern Partnership countries**

**Schuch de Azambuja, Luiza; Soe, Ralf-Martin** New Sustainable Horizons in Artificial Intelligence and Digital Solutions : 22nd IFIP WG 6.11 Conference on e-Business, e-Services and e-Society, I3E 2023, Curitiba, Brazil, November 9-11, 2023, Proceedings 2023 / p. 403-417 [https://doi.org/10.1007/978-3-031-50040-4\\_30](https://doi.org/10.1007/978-3-031-50040-4_30) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Diagnostic test generation for statistical bug localization using evolutionary computation**

**Gaudesi, Marco; Jenihhin, Maksim; Raik, Jaan; Tihomirov, Valentin; Ubar, Raimund-Johannes** Applications of Evolutionary Computation : 17th European Conference, EvoApplications 2014, Granada, Spain, April 23-25, 2014 : revised selected papers 2014 / p. 425-436 : ill [https://doi.org/10.1007/978-3-662-45523-4\\_35](https://doi.org/10.1007/978-3-662-45523-4_35) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Diagrammatic autarchy : linear diagrams in the 17th and 18th centuries**

**Bellucci, Francesco; Moktefi, Amirouche; Pietarinen, Ahti-Veikko** DLAC 2013 : Diagrams, Logic and Cognition : proceedings of the First International Workshop on Diagrams, Logic and Cognition : Kolkata, India, October 28-29, 2013 2013 / p. 26-30 : ill [https://www.researchgate.net/publication/280098290\\_Diagrammatic\\_Autarchy\\_Linear\\_diagrams\\_in\\_the\\_17th\\_and\\_18th\\_centuries](https://www.researchgate.net/publication/280098290_Diagrammatic_Autarchy_Linear_diagrams_in_the_17th_and_18th_centuries) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **A digital services course to promote teaching of informatics in Estonia**

**Kikkas, Kaido; Lorenz, Birgy** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International

Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 711-720 [https://doi.org/10.1007/978-3-030-68198-2\\_66](https://doi.org/10.1007/978-3-030-68198-2_66)  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Digital support in logistics of home-care nurses for disabled and elderly people**

**Reinhold, Karin; Tint, Piia; Traumann, Ada** Human Interaction and Emerging Technologies : proceedings of the 1st International Conference on Human Interaction and Emerging Technologies (IHET 2019), August 22–24, 2019, Nice, France 2020 / p. 563-568  
[https://doi.org/10.1007/978-3-030-25629-6\\_87](https://doi.org/10.1007/978-3-030-25629-6_87) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

#### **Digitalization of high speed craft design and operation challenges and opportunities**

**Dashtimanesh, Abbas; Ghaemi, Mohammad Hossein; Wang, Youjiang** Procedia Computer Science 2022 / p. 566-576  
<https://doi.org/10.1016/j.procs.2022.01.254> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Digital-toolkit for promoting tourist destinations**

**Prokopenko, Olha; Larina, Yaroslava; Chetveryk, Olena; Kravtsov, Sergiy; Rozhko, Nataliya; Lorvi, Iryna** International journal of innovative technology and exploring engineering 2019 / p. 4982-4987 : ill <https://doi.org/10.35940/ijitee.L3745.1081219> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **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](https://doi.org/10.1007/978-3-031-15743-1_18) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **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](https://doi.org/10.1007/978-3-030-91387-8_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Distributive laws of directed containers**

**Ahman, Danel; Uustalu, Tarmo** Progress in Informatics 2013 / p. 3-18 <https://doi.org/10.2201/NiiPi.2013.10.2> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Ameur, Asma; Hamdi, Sana; Ben Yahia, Sadok** Procedia computer science 2023 / p. 3898-3908  
<https://doi.org/10.1016/j.procs.2023.10.385> [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

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

#### **DORM : narrowband IoT development platform and indoor deployment coverage analysis**

**Khan, Sikandar Muhammad Zulqarnain; Malik, Hassan; Sarmiento, Jeffrey Leonel Redondo; Alam, Muhammad Mahtab; Le Moulec, Yannick** Procedia computer science 2019 / p. 1084-1091 : ill <https://doi.org/10.1016/j.procs.2019.04.154> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Drivers for and barriers to the cross-border implementation of the once-only principle**

**Leosk, Nele; Pöder, Irma; Schmidt, Carsten; Kalvet, Tarmo; Krimmer, Robert Johannes** The once-only principle : The TOOP project 2021 / p. 38–60 [https://doi.org/10.1007/978-3-030-79851-2\\_3](https://doi.org/10.1007/978-3-030-79851-2_3) [Collection metrics at Scopus](#) [Article at Scopus](#) [Collection metrics at WOS](#) [Article at WOS](#)

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

#### **A DRL strategy for optimal resource allocation along with 3D trajectory dynamics in UAV-MEC network**

**Khurshid, Tayyaba; Ahmed, Waqas; Rehan, Muhammad; Ahmad, Rizwan; Alam, Muhammad Mahtab; Radwan, Ayman** IEEE Access 2023 / p. 54664 - 54678 <https://doi.org/10.1109/ACCESS.2023.3278591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Dynamic and distributed security management for NoC Based MPSoCs**

**Azad, Siavoosh Payandeh; Jervan, Gert;** Sepulveda, Johanna Computational Science - ICCS 2019 : 19th International Conference, Faro, Portugal, June 12-14, 2019 : Proceedings, Part II 2019 / p. 649–662 : ill [https://doi.org/10.1007/978-3-030-22741-8\\_4](https://doi.org/10.1007/978-3-030-22741-8_4) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **Dynamic modeling of networks, microgrids, and renewable sources in the dq0 reference frame : a survey**

**Baimel, Dmitry; Belikov, Juri;** Guerrero, Joseph M.; Levron, Yoash IEEE Access 2017 / p. 21323-21335 : ill <https://doi.org/10.1109/ACCESS.2017.2758523> [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**

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

### **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](https://doi.org/10.1007/978-3-031-04238-6_23) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Edge-to-Fog collaborative computing in a swarm of drones**

**Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 78–87 [https://doi.org/10.1007/978-3-030-87657-9\\_6](https://doi.org/10.1007/978-3-030-87657-9_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Education 4.0 in higher education and computer science : a systematic review**

**Rienties, Bart; Ferguson, Rebecca; Gonda, Dalibor; Hajdin, Goran; Herodotou, Christothea; Iniesto, Francisco; Llorens Garcia, Ariadna; Muccini, Henry; Sargent, Julia; Virkus, Sirje;** Isidori, Maria Vittoria Computer Applications in Engineering Education 2023 / p. 1339 - 1357 <https://doi.org/10.1002/cae.22643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Effects of culture on public behavior patterns in crisis situations**

**Teichmann, Mare; Kaugerand, Jaanus; Ehala, Johannes; Meriste, Merik; Rannat, Kalev** Proceedings of Conference on Cognitive and Computational Aspects of Situation Management 2023 2024 / p. 66 - 79 <https://doi.org/10.29007/r4p9> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **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](#)

### **EFIC-ME : a fast emulation based fault injection control and monitoring enhancement**

**Abideen, Zain Ul; Rashid, Muhammad Haroon** IEEE Access 2020 / p. 207705-207716 <https://doi.org/10.1109/ACCESS.2020.3038198> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **E-government services migration to the public cloud : experiments and technical findings**

**Kotka, Taavi;** Johnson, Bruce; Cebul, Tomaz; Lovosevic, Luka; Liiv, Innar Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 62-76 : ill [https://doi.org/10.1007/978-3-319-44159-7\\_5](https://doi.org/10.1007/978-3-319-44159-7_5) [http://www.estecr.com/record=b4645628\\*est](http://www.estecr.com/record=b4645628*est) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **eIDAS implementation challenges : the case of Estonia and the Netherlands**

**Lips, Silvia;** Bharosa, Nitesh; Draheim, Dirk Electronic Governance and Open Society: Challenges in Eurasia : 7th International Conference, EGOSE 2020, St. Petersburg, Russia, November 18-19, 2020 : proceedings 2020 / p. 75-89 [https://doi.org/10.1007/978-3-030-67238-6\\_6](https://doi.org/10.1007/978-3-030-67238-6_6) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Elevator passenger in-cabin behaviour – a study on Smart-Elevator Platform**

**Basov, Kevin; Robal, Tarmo; Reinsalu, Uljana; Leier, Mairo** Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 3-18 : ill <https://doi.org/10.1007/978-3-031-09850->

### **Emerging technologies and space**

**Carlo, Antonio**; Roux, Lucille Modelling and Simulation for Autonomous Systems : 8th International Conference, MESAS 2021, Virtual Event, October 13–14, 2021 2022 / p. 494-508 [https://doi.org/10.1007/978-3-030-98260-7\\_32](https://doi.org/10.1007/978-3-030-98260-7_32) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Energy efficiency and latency optimization for IoT URLLC and mMTC use cases**

**Elgarhy, Osama Mohamed Mostafa**; Reggiani, Luca; **Alam, Muhammad Mahtab**; Zoha, Ahmed; Ahmad, Rizwan; **Kuusik, Alar** IEEE Access / p. 23132-23148 <https://doi.org/10.1109/ACCESS.2024.3364349> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

### **Energy-efficient distributed leader selection algorithm for energy-constrained wireless sensor networks**

**Ulp, Sander**; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** IEEE Access 2019 / p. 4410-4421 : ill <https://doi.org/10.1109/ACCESS.2018.2888551> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Engineering students mobility: intercultural barriers to achieving intercultural competences**

**Vodovozov, Valery**; **Raud, Zoja** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 248-255 [https://doi.org/10.1007/978-3-030-68201-9\\_78](https://doi.org/10.1007/978-3-030-68201-9_78) [Article collection metrics at Scopus](#) [Article at Scopus](#) [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](https://doi.org/10.1007/978-3-030-67238-6_5) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **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](https://doi.org/10.1007/978-3-030-37858-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Enhancing semantics-driven recommender systems with visual features**

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

### **Enterprise security analysis and training experience**

**Ojamaa, Andres**; **Tõugu, Enn** Critical Information Infrastructures Security : 9th International Conference, CRITIS 2014, Limassol, Cyprus, October 13-15, 2014 : revised selected papers 2016 / p. 200-208 : ill [https://doi.org/10.1007/978-3-319-31664-2\\_21](https://doi.org/10.1007/978-3-319-31664-2_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

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

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

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

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

### **Establishing distributed governance infrastructures for enacting cross-organization collaborations**

**Norta, Alexander** Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. 24-35 [https://doi.org/10.1007/978-3-662-50539-7\\_3](https://doi.org/10.1007/978-3-662-50539-7_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **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 e-residency : benefits, risk and lessons learned**

**Kotka, Taavi**; Vargas Alvarez del Castillo, Carlos Ivan; Korjus, Kaspar Electronic Government and the Information Systems Perspective : 5th International Conference, EGOVIS 2016, Porto, Portugal, September 5-8, 2016 : proceedings 2016 / p. 3-15 : ill [https://doi.org/10.1007/978-3-319-44159-7\\_1](https://doi.org/10.1007/978-3-319-44159-7_1) [http://www.eston.ee/record=b4645628\\*est](http://www.eston.ee/record=b4645628*est) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](#)

### **Ethical attitudes among engineering students : some preliminary insights**

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

### **ETSI SmartBAN architecture: The global vision for smart body area networks**

Hamalainen, Matti; Mucchi, Lorenzo; Girod-Genet, Marc; Paso, Tuomas; Farserotu, John; Tanaka, Hirokazu; Anzai, Daisuke; Pierucci, Laura; **Khan, Rida; Alam, Muhammad Mahtab** IEEE Access 2020 / art. 9167215, p. 150611-150625 <https://doi.org/10.1109/ACCESS.2020.3016705> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Euler diagrams through the looking glass : from extent to intent**

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

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

### **Evaluating construction education interventions**

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

### **Evaluating NTT/INTT implementation styles for post-quantum cryptography**

**Imran, Malik**; Khan, Safiullah; Khalid, Ayesha; Rafferty, Ciara; Ali Shah, Yasir; Pagliarini, Samuel; Rashid, Muhammad; O'Neill, Maire IEEE Embedded Systems Letters 2024 / p. 485 - 488 <https://doi.org/10.1109/LES.2024.3410516> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluating the energy readiness of national building stocks through benchmarking**

**Ferrantelli, Andrea; Belikov, Juri; Petlenkov, Eduard; Thalfeldt, Martin; Kurnitski, Jarek** IEEE Access 2022 / p. 45430-45443 : ill <https://doi.org/10.1109/ACCESS.2022.3170716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-030-87657-9_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

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

### **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](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](#)

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

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

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

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

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

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

**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](https://doi.org/10.1007/978-3-030-59065-9_4) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

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

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

**The experience of a selfassessment tool for enhancing XR technology adoption in SMEs and HEIs across Europe**

**Köse, Ahmet; Tepljakov, Aleksei; Alsaleh, Saleh Ragheb Saleh; Petlenkov, Eduard** Extended Reality: International Conference, XR Salento 2023, Lecce, Italy, September 6-9, 2023, Proceedings, Part I 2023 / p. 184-197 [https://doi.org/10.1007/978-3-031-43401-3\\_12](https://doi.org/10.1007/978-3-031-43401-3_12) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Experiences from maritime logistics distance learning course**

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

**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](https://doi.org/10.1007/978-3-030-21803-4_37) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

**Experiments with LLMs for converting language to logic**

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

**Exploiting factory telemetry to support virtual reality simulation in robotics cell**

**Kuts, Vladimir; Modoni, Gianfranco E.; Terkaj, Walter; Tähemaa, Toivo; Sacco, Marco; Otto, Tauno** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12–15, 2017 : proceedings. Part I 2017 / p. 212-221 : ill [https://doi.org/10.1007/978-3-319-60922-5\\_16](https://doi.org/10.1007/978-3-319-60922-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Exploratory analysis of collective intelligence projects developed within the EU-Horizon 2020 framework**

**Suran, Shweta; Pattanaik, Vishwajeet; Ben Yahia, Sadok; Draheim, Dirk** Computational Collective Intelligence 11th International Conference, ICCCI 2019, Hendaye, France, September 4–6, 2019, Proceedings, Part II 2019 / p. 285-296 [https://doi.org/10.1007/978-3-030-28374-2\\_25](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](#)

**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](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, Mohammad Reza; Kaushik, Minakshi; Sharma, Rahul; Ghasempouri, Tara; Draheim, Dirk** Procedia computer science 2022 / p. 231-238 : ill <https://doi.org/10.1016/j.procs.2022.03.032> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Extended ZVS-On/ZCS-Off range for CF-DAB converter under DCM operation for residential energy storage systems**

**Carvalho da Silva, Edivan Laercio; Cardoso, Rafael; Felipe, Carla Aparecida; Stein, Carlos Marcelo De Oliveira; Bellinaso, Lucas Vizzotto; Michels, Leandro; Vinnikov, Dmitri** IEEE Access 2023 / p. 119231-119243 <https://doi.org/10.1109/ACCESS.2023.3327219> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extensions of Euler diagrams in Peirce's four manuscripts on logical graphs**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 9th International Conference, Diagrams 2016, Philadelphia, PA, USA, August 7-10, 2016 : proceedings 2016 / p. 139-154 : ill [https://doi.org/10.1007/978-3-319-42333-3\\_11](https://doi.org/10.1007/978-3-319-42333-3_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **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](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 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](https://doi.org/10.1007/978-3-319-94782-2_23) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **FARMUR: fair adversarial retraining to mitigate unfairness in robustness**

Mousavi, Seyed Ali; Mousavi, Hamid; **Daneshtalab, Masoud** Advances in Databases and Information Systems: 27th European Conference, ADBIS 2023, Barcelona, Spain, September 4–7, 2023 : proceedings 2023 / p. 133-145 [https://doi.org/10.1007/978-3-031-42914-9\\_10](https://doi.org/10.1007/978-3-031-42914-9_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Fast and fair computation offloading management in a swarm of drones using a rating-based federated learning approach**

**Rahbari, Dadmehr; Alam, Muhammad Mahtab; Le Moullec, Yannick; Jenihhin, Maksim** IEEE Access 2021 / p. 113832-113849 <https://doi.org/10.1109/ACCESS.2021.3104117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fault management techniques to enhance the reliability of power electronic converters : an overview**

**Rahimpour, Saeed; Husev, Oleksandr; Vinnikov, Dmitri**; Vosoughi Kurdkandi, Naser; Tarzamni, Hadi IEEE Access 2023 / p. 13432-13446 <https://doi.org/10.1109/ACCESS.2023.3242918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Feedback linearization and lattice theory**

**Kotta, Ülle; Tönso, Maris**; Shumsky, Alexey Ye.; Zhirabok, Alexey N. Systems & control letters 2013 / p. 248-255 <https://doi.org/10.1016/j.sysconle.2012.11.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **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](#)

### **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](https://doi.org/10.1007/978-3-031-16912-0_4) [Conference Proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceeding at WOS](#)

### **Floor selection proposal for automated travel with smart elevator**

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

### **FoREnSiC– an automatic debugging environment for C programs**

Bloem, Roderick; **Raik, Jaan; Repinski, Urmas** Eighth Haifa Verification Conference : HVC 2012 : November 6-8, Haifa, Israel : [proceedings] 2013 / p. 260-265 : ill [https://doi.org/10.1007/978-3-642-39611-3\\_24](https://doi.org/10.1007/978-3-642-39611-3_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

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

### **Formal verification of COLREG-Based Navigation of maritime autonomous systems**

Shokri-Manninen, Fatima; **Vain, Jüri**; Walden, Marina Software Engineering and Formal Methods : 18th International Conference, SEFM 2020, Amsterdam, The Netherlands, September 14-18, 2020 : Proceedings 2020 / p. 41-59 <https://doi.org/10.1007/978-3-030->

#### **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](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**

**Bossenکو, 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](https://ceur-ws.org/Vol-3264/HEDA22_paper_14.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **A framework for data-driven public service co-production**

**Toots, Maarja; McBride, Keegan David Braun; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Government : 16th IFIP WG 8.5 International Conference : EGOV 2017, St. Petersburg, Russia, September 4-7, 2017 : proceedings 2017 / p. 264-275 : ill [https://doi.org/10.1007/978-3-319-64677-0\\_22](https://doi.org/10.1007/978-3-319-64677-0_22) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **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](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-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](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](#)

#### **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](https://doi.org/10.1007/978-3-030-03192-3_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **From 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](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 traditional to challenge-based learning : a case study**

**Lorenz, Birgy; Kikkas, Kaido** Proceedings of the European Conference on e-Learning, ECEL, vol. 23, 1 2024 / p. 227-234 <https://doi.org/10.34190/ecel.23.1.2516> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Future of governance for digital platform ecosystems**

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

#### **Future opportunities for systematic AI support in healthcare**

**Bertl, Markus; Piho, Gunnar; Draheim, Dirk; Ross, Peeter; Pechmann, Ludwig; Bucciarelli, Nicholas; Sharma, Rahul** Bridging the Gap Between AI and Reality : First International Conference, AISoLA 2023, Crete, Greece, October 23–28, 2023, Selected Papers 2024 / p. 203 - 224 [https://doi.org/10.1007/978-3-031-73741-1\\_13](https://doi.org/10.1007/978-3-031-73741-1_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Galois sub-hierarchies used for use case modeling**

**Torim, Ants** CLA 2013 : proceedings of the Tenth International Conference on Concept Lattices and Their Applications : La Rochelle, France, October 15-18, 2013 2013 / p. 21-32 : ill <https://ceur-ws.org/Vol-1062/paper2.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **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](https://doi.org/10.1007/978-981-16-2834-4_9) [Conference proceeding at Scopus](#) [Article at Scopus](#)

#### **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](#)

### **Generalization of the double-reversal method of finding a canonical residual finite state automaton**

**Tamm, Hellis** Descriptive Complexity of Formal Systems 17th International Workshop, DCFS 2015, Waterloo, ON, Canada, June 25–27, 2015. Proceedings 2015 / p. 268 – 279 [https://doi.org/10.1007/978-3-319-19225-3\\_23](https://doi.org/10.1007/978-3-319-19225-3_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Genetic approximations for the failure-free security games**

**Lenin, Aleksandr; Willemson, Jan; Charnamord, Anton** Decision and game theory for security : 6th International Conference, GameSec 2015, London, UK, November 4–5, 2015 : proceedings 2015 / p. 311–321 : ill [https://doi.org/10.1007/978-3-319-25594-1\\_17](https://doi.org/10.1007/978-3-319-25594-1_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](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](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](#)

### **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](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](#)

### **Grid-connected solar PV power plants optimization: a review**

**Zidane, Tekai Eddine Khalil; Aziz, Ali Saleh; Zahraoui, Younes; Kotb, Hossam; Aboras, Kareem M.; Kitmo; Jember, Yosef Berhan** IEEE Access 2023 / p. 79588–79608 <https://doi.org/10.1109/ACCESS.2023.3299815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Handling software icebergs**

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

### **Health and safety management at workplaces through interactive tools**

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

### **Heightened cyber vulnerability to patients with cardiac implantable electronic devices**

**Torgersen, Leanne N.S.; Whitaker, Rupert E.D.; Lugo, Ricardo Gregorio; Sütterlin, Stefan; Schulz, Stefan M.** HCI International 2023 Posters : 25th International Conference on Human-Computer Interaction, HCI 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2023 / p. 519–528 [https://doi.org/10.1007/978-3-031-35989-7\\_66](https://doi.org/10.1007/978-3-031-35989-7_66) [Conference Proceedings at scopus](#) [Article at Scopus](#)

### **High-performance buck-boost partial power quasi-Z-source series resonance converter**

**Abdelrahim Abdelghafour, Omar Mohamed; Chub, Andrii; Mashinchi Maheri, Hamed; Blinov, Andrei; Vinnikov, Dmitri** IEEE Access 2022 / p. 13017–130189 <https://doi.org/10.1109/ACCESS.2022.3225751> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Historio-Graphy**

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

### **A Hoare logic for the coinductive trace-based big-step semantics of While**

**Nakata, Keiko; Uustalu, Tarmo** Logical methods in computer science 2015 / p. 1–32 [https://doi.org/10.2168/LMCS-11\(1:1\)2015](https://doi.org/10.2168/LMCS-11(1:1)2015) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Home energy management systems: A review of the concept, architecture, and scheduling strategies**

**Han, Binghui; Zahraoui, Younes; Mubin, Marizan; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex** IEEE Access 2023 /

p. 19999-20025 <https://doi.org/10.1109/ACCESS.2023.3248502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The how and why to Internet voting an attempt to explain E-Stonia**

Vinkel, Priit; **Krimmer, Robert Johannes** Electronic Voting : First International Joint Conference, E-Vote-ID 2016, Bregenz, Austria, October 18-21, 2016 : proceedings 2017 / p. 178-191 : ill [https://doi.org/10.1007/978-3-319-52240-1\\_11](https://doi.org/10.1007/978-3-319-52240-1_11) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **How could Snowden attack an election?**

Wikström, Douglas; Barrat, Jordi; Heiberg, Sven; **Krimmer, Robert Johannes**; Schürmann, Carsten Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 280-291 [https://doi.org/10.1007/978-3-319-68687-5\\_17](https://doi.org/10.1007/978-3-319-68687-5_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **How do NATO members define cyber operations?**

**Arik, Marko** HCI International 2023 – Late Breaking Posters |b 25th International Conference on Human-Computer Interaction, HCII 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2024 / p. 8-14 [https://doi.org/10.1007/978-3-031-49212-9\\_2](https://doi.org/10.1007/978-3-031-49212-9_2) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **How domain engineering can help to raise adoption rates of artificial intelligence in healthcare**

**Bertl, Markus; Klementi, Toomas; Piho, Gunnar; Ross, Peeter; Draheim, Dirk** Information Integration and Web Intelligence, 25th International Conference, iiWAS 2023, Denpasar, Bali, Indonesia, December 4–6, 2023 : proceedings 2023 / p. 490-504 [https://doi.org/10.1007/978-3-031-48316-5\\_1](https://doi.org/10.1007/978-3-031-48316-5_1) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

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

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

### **Hydromast : a bioinspired flow sensor with accelerometers**

**Ristolainen, Asko; Tuhtan, Jeffrey Andrew; Kuusik, Alar; Kruusmaa, Maarja** Biomimetic and biohybrid systems : 5th International Conference, Living Machines 2016, Edinburgh, UK, July 19-22, 2016 : proceedings 2016 / p. 510-517 : ill [https://doi.org/10.1007/978-3-319-42417-0\\_55](https://doi.org/10.1007/978-3-319-42417-0_55) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Identification and location of PD defects in medium voltage underground power cables using high frequency current transformer**

Shafiq, Muhammad; **Kiitam, Ivar; Taklaja, Paul; Kütt, Lauri**; Kauhaniemi, Kimmo; **Palu, Ivo** IEEE Access 2019 / art. 8771171, p. 103608 - 103618 : ill <https://doi.org/10.1109/ACCESS.2019.2930704> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Schuch de Azambuja, Luiza** Ongoing Research, Practitioners, Posters, Workshops, and Projects of the International Conference EGOV-CeDEM-ePart 2022 2022 / code 193901 <https://ceur-ws.org/Vol-3399/paper28.pdf> [Conference Proceeding at Scopus](#) [Article at Scopus](#)

### **Imagine a round square**

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

### **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](https://doi.org/10.1007/978-3-030-93620-4_18) [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](https://doi.org/10.1007/978-3-030-02131-3_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-319-70290-2_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Improving Arabic text to image mapping using a robust machine learning technique**

**Zakraoui, Jezia; Elloumi, Samir; Alja'am, Jihad Mohamad; Ben Yahia, Sadok** IEEE Access 2019 / p. 18772 - 18782 : ill <https://doi.org/10.1109/ACCESS.2019.2896713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Improving 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](https://doi.org/10.1007/978-3-030-22868-2_45) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Increasing citizen participation in e-participatory budgeting processes**

**Mærøe, Anders Røsten; Norta, Alexander; Tsap, Valentyna; Pappel, Ingrid** Journal of Information Technology & Politics 2021 / p. 125-147 <https://doi.org/10.1080/19331681.2020.1821421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **In-depth feature selection for the statistical machine learning-based botnet detection in IoT networks**

**Kalakoti, Rajesh; Nömm, Sven; Bahsi, Hayretin** IEEE Access 2022 / p. 94518-94535 <https://doi.org/10.1109/ACCESS.2022.3204001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Individual deep fake recognition skills are affected by viewer's political orientation, agreement with content and device used**

**Sütterlin, Stefan; Ask, Torvald F.; Mägerle, Sophia; Glöckler, Sandra; Wolf, Leandra; Schray, Julian; Chandi, Alava; Bursac, Teodora; Khodabakhsh, Ali; Knox, Benjamin James** Augmented Cognition : 17th International Conference, AC 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23–28, 2023 : proceedings 2023 / p. 269-284 : ill [https://doi.org/10.1007/978-3-031-35017-7\\_18](https://doi.org/10.1007/978-3-031-35017-7_18) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Industrial robot training in the simulation using the machine learning agent**

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

### **Information and information security**

**Henno, Jaak** Third Workshop on Software Quality Analysis, Monitoring, Improvement and Applications SQAMIA 2014 : Lovran, Croatia, September 19-22, 2014 : proceedings 2014 / p. 23-28 : ill <https://ceur-ws.org/Vol-1266/SQAMIA2014Proceedings.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Innovative common study block framework for joined collaborative curriculums development**

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

### **Integrating digital migrants : solutions for cross-border identification from e-residency to eIDAS. A case study from Estonia**

**Aavik, Gerli; Krimmer, Robert Johannes** Electronic Government : 15th IFIP WG 8.5 International Conference, EGOV 2016, Guimarães, Portugal, September 5-8, 2016 : proceedings 2016 / p. 151-163 : ill [https://doi.org/10.1007/978-3-319-44421-5\\_12](https://doi.org/10.1007/978-3-319-44421-5_12) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [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](https://doi.org/10.1007/978-3-030-48077-6_13) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Intelligent information technology for organizing swimming competitions**

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

### **Intelligent virtual environments with assessment of user experiences**

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

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

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

### **Interface development for digital twin of an electric motor based on empirical performance model**

**Rassõlkin, Anton; Rjabtšikov, Viktor; Kuts, Vladimir; Vaimann, Toomas; Kallaste, Ants; Asad, Bilal; Partyshev, Andriy** IEEE Access 2022 / p. 15635-15643 <https://doi.org/10.1109/ACCESS.2022.3148708> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Interference and priority aware coexistence (IPC) algorithm for link scheduling in IEEE 802.15.6 based WBANs**

**Khan, Fawad Nawaz; Ahmad, Rizwan; Ahmed, Waqas; Alam, Muhammad Mahtab; Drieberg, Micheal** IEEE Access 2019 / art. 8910561, p. 168736–168751 : ill [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Internal scales and dispersive properties of microstructured materials**

**Peets, Tanel** Mathematics and computers in simulation 2016 / p. 220-228 : ill <https://doi.org/10.1016/j.matcom.2014.03.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Interpretable machine learning for heterogeneous treatment effect estimators with Double ML: a case of access to credit for SMEs**

**Medianovskiy, Kyrylo; Malakauskas, Aidas; Lakstutiene, Ausrine; Ben Yahia, Sadok** Procedia computer science 2023 / p. 2163-2172 : ill <https://doi.org/10.1016/j.procs.2023.10.207> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Introduction to the 2nd Workshop on Resource Management in Service-Oriented Computing (RMSOC) 2015**

**Cabanillas, Christina; Norta, Alexander; Resinas, Manuel** Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. XV-XVII <https://link.springer.com/book/10.1007/978-3-662-50539-7> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Introduction to the Proceedings of the Workshop on Intelligent Service Clouds (ISC) 2015**

**Vaculin, Roman; Norta, Alexander; Eshuis, Rik** Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. XXII-XXIII [https://doi.org/10.1007/978-3-662-50539-7\\_3](https://doi.org/10.1007/978-3-662-50539-7_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Introduction to the proceedings of the workshop on Pervasive Analytical Service Clouds for the Enterprise and Beyond (PASCEB) 2013**

**Norta, Alexander; Zhang, Weishan; Chituc, C.M.; Vaculin, Roman** Service-Oriented Computing–ICSOC 2013, Workshops CCSA, CSB, PASCEB, SWESE, WESOA, and PhD Symposium Berlin, Germany, December 2-5, 2013, Revised Selected Papers 2014 / p. 379-380 [https://doi.org/10.1007/978-3-319-06859-6\\_33](https://doi.org/10.1007/978-3-319-06859-6_33) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Is information and communication technology satisfying educational needs at school?**

**Ferraro, Simona** Computers & Education 2018 / p. 194-204 : ill <https://doi.org/10.1016/j.compedu.2018.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Jin Yuelin's Simplification of Venn Diagrams**

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

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

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

### **Joint optimization via deep reinforcement learning in wireless networked controlled systems**

**Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas** IEEE Access 2022 / p. 67152-67167 <https://doi.org/10.1109/ACCESS.2022.3185244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Tsiulin, Sergey; Reinau, Kristian Hegner; Hilmola, Olli-Pekka Kristian** Procedia computer science 2023 / p. 348-357

**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](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](https://doi.org/10.1007/978-3-319-70004-5_33) Conference proceedings at Scopus Article at Scopus Article at WOS

[https://doi.org/10.1007/978-3-319-70004-5\\_33](https://doi.org/10.1007/978-3-319-70004-5_33) Conference proceedings at Scopus Article at Scopus Article at WOS

**Keyless signatures' infrastructure: How to build global distributed hash-trees**

**Buldas, Ahto; Kroonmaa, Andres; Laanoja, Risto** Secure IT Systems : 18th Nordic Conference, NordSec 2013, Ilulissat, Greenland, October 18-21, 2013, Proceedings 2013 / p. 313 - 320 [https://doi.org/10.1007/978-3-642-41488-6\\_21](https://doi.org/10.1007/978-3-642-41488-6_21) Conference Proceedings at Scopus Article at Scopus

[https://doi.org/10.1007/978-3-642-41488-6\\_21](https://doi.org/10.1007/978-3-642-41488-6_21) Conference Proceedings at Scopus Article at Scopus

**Knowledge management framework for six sigma performance level assessment**

**Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana** Advances in information systems and technologies 2013 / p. 255-267

[https://doi.org/10.1007/978-3-642-36981-0\\_25](https://doi.org/10.1007/978-3-642-36981-0_25) Conference Proceedings at Scopus Article at Scopus Article at WOS

**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

**KronoDroid : time-based hybrid-featured dataset for effective android malware detection and characterization**

Guerra Manzanares, Alejandro; **Bahsi, Hayretidin; 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

**Large-scale commonsense knowledge for default logic reasoning**

**Järv, Priit; Tammet, Tanel; Verrev, Martin; Draheim, Dirk** SN Computer Science 2023 / art. 550 <https://doi.org/10.1007/s42979-023-01963-2> Journal metrics at Scopus Article at Scopus

<https://doi.org/10.1007/s42979-023-01963-2> Journal metrics at Scopus Article at Scopus

**Latest research trends in gait analysis using wearable sensors and machine learning: A systematic review**

**Saboor, Abdul; Kask, Triin; Kuusik, Alar; Alam, Muhammad Mahtab; Le Moullec, Yannick** IEEE Access 2020 / art. 3022818, p.

167830–167864 <https://doi.org/10.1109/ACCESS.2020.3022818> Journal metrics at Scopus Article at Scopus Journal metrics at WOS

<https://doi.org/10.1109/ACCESS.2020.3022818> Journal metrics at Scopus Article at Scopus

**Learning from few cyber-attacks : addressing the class imbalance problem in machine learning-based intrusion detection in software-defined networking**

**Mirsadeghi, Seyed Mohammad Hadi; Bahsi, Hayretidin; Vaarandi, Risto; Inoubli, Wissem** IEEE Access 2023 / p. 140428 -

140442 <https://doi.org/10.1109/ACCESS.2023.3341755> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

<https://doi.org/10.1109/ACCESS.2023.3341755> Journal metrics at Scopus Article at Scopus

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

**Umbleja, Kadri** Teaching and Learning in a Digital World : proceedings of the 20th International Conference on Interactive

Collaborative Learning. Volume 2 2018 / p. 447-458 [https://link.springer.com/chapter/10.1007/978-3-319-73204-6\\_49](https://link.springer.com/chapter/10.1007/978-3-319-73204-6_49)

[https://doi.org/10.1007/978-3-319-73204-6\\_49](https://doi.org/10.1007/978-3-319-73204-6_49) Conference proceedings at Scopus Article at Scopus Article at WOS

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

**Ahmed, Rozha Kamal; Muhammed, Khder H.; Qadir, Awat O.; Arif, Soran I.; Lips, Silvia; Nyman-Metcalf, Katrin Merike; Pappel, Ingrid; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 10th International Conference, EGOVIS

2021, Virtual Event, September 27–30, 2021 : proceedings 2021 / p. 115–128 [https://doi.org/10.1007/978-3-030-86611-2\\_9](https://doi.org/10.1007/978-3-030-86611-2_9) Conference

[https://doi.org/10.1007/978-3-030-86611-2\\_9](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

<https://doi.org/10.1145/3453475> Journal metrics at Scopus Article at Scopus

**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](https://doi.org/10.1007/978-3-030-81462-5_58) Conference Proceedings at Scopus Article at Scopus Article at WOS

[https://doi.org/10.1007/978-3-030-81462-5\\_58](https://doi.org/10.1007/978-3-030-81462-5_58) Conference Proceedings at Scopus Article at Scopus Article at WOS

### **Let's add highly stressed people to the cyber-physical-social system**

**Teichmann, Mare; Ehala, Johannes; Kaugerand, Jaanus; Meriste, Merik; Rannat, Kalev** Proceedings of Conference on Cognitive and Computational Aspects of Situation Management 2023 2024 / p. 54-65 <https://doi.org/10.29007/mzbq> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **LightGBM-based fault diagnosis of rotating machinery under changing working conditions using modified recursive feature elimination**

**Saberi, Alireza Nemat; Belahcen, Anouar; Sobra, Jan; Vaimann, Toomas** IEEE Access 2022 / p. 81910-81925 <https://doi.org/10.1109/ACCESS.2022.3195939> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Lightweight open data assimilation of Pan-European urban air quality**

**Miasayedava, Lizaveta; Kaugerand, Jaanus; Tuhtan, Jeffrey Andrew** IEEE access 2023 / p. 84670–84688 : ill., map <https://doi.org/10.1109/ACCESS.2023.3302348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Limiting adversarial budget in quantitative security assessment**

**Lenin, Aleksandr; Buldas, Ahto** Decision and Game Theory for Security : 5th International Conference, GameSec 2014, Los Angeles, CA, USA, November 6-7, 2014 : proceedings 2014 / p. 155-174 : ill [https://doi.org/10.1007/978-3-319-12601-2\\_9](https://doi.org/10.1007/978-3-319-12601-2_9) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **A linear integer programming model for fault diagnosis in active distribution systems with bi-directional 'fault monitoring devices installed**

**Wang, Chongyu; Pang, Kaiyuan; Xu, Yan; Wen, Fushuan; Palu, Ivo; Feng, Changsen** IEEE Access 2020 / p. 106452-106463 <https://doi.org/10.1109/ACCESS.2020.2999519> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Live enrolment for identity documents in Europe**

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

### **A live virtual simulator for teaching cybersecurity to information technology students**

**Ermits, Margus; Kikkas, Kaido** Learning and Collaboration Technologies : Third International Conference, LCT 2016, held as part of HCI International 2016, Toronto, ON, Canada, July 17-22, 2016 : proceedings 2016 / p. 474-486 : ill [https://doi.org/10.1007/978-3-319-39483-1\\_43](https://doi.org/10.1007/978-3-319-39483-1_43) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Long-term secure commitments via extractable-binding commitments**

**Buldas, Ahto; Geihs, Matthias; Buchmann, Johannes** Information Security and Privacy : 22nd Australasian Conference, ACISP 2017, Auckland, New Zealand, July 3–5, 2017 : Proceedings, Part I 2017 / p. 65-81 [https://doi.org/10.1007/978-3-319-60055-0\\_4](https://doi.org/10.1007/978-3-319-60055-0_4) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Long-term secure time-stamping using preimage-aware hash functions : (short version)**

**Buldas, Ahto; Geihs, Matthias; Buchmann, Johannes** Provable Security : 11th International Conference, ProvSec 2017, Xi'an, China, October 23–25, 2017 : proceedings 2017 / p. 251-260 : ill [http://doi.org/10.1007/978-3-319-68637-0\\_15](http://doi.org/10.1007/978-3-319-68637-0_15) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-319-53733-7_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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 for android malware detection : mission accomplished? a comprehensive review of open challenges and future perspectives**

**Guerra-Manzanares, Alejandro** Computers and Security 2024 / art. 103654 <https://doi.org/10.1016/j.cose.2023.103654> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Machine learning meets communication networks : current trends and future challenges**

**Ahmad, Ijaz; Shahabuddin, Shariar; Malik, Hassan; Leppänen, Teemu; Loven, Lauri; Anttonen, Antti; Sodhro, Ali Hassan; Alam, Muhammad Mahtab; Juntti, Markku; Ylä-Jääski, Antti** IEEE Access 2020 / art. 9274307, p. 223418-223460 <https://doi.org/10.1109/ACCESS.2020.3041765> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Maintaining data integrity in electronic health records with hyperledger fabric**

**Kask, Marten; Klementi, Toomas; Piho, Gunnar; Ross, Peeter** HEDA 2023: International Health Data Workshop : proceedings of

the 3rd International Health Data Workshop (HEDA 2023), co-located with Software Technologies: Applications and Foundations (STAF 2023) : Leicester, United Kingdom, July 21, 2023 2023 <https://ceur-ws.org/Vol-3440/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

Bharosa, Nitesh; Lips, Silvia; **Draheim, Dirk** Electronic Participation : 12th IFIP WG 8.5 International Conference, ePart 2020, Linköping, Sweden, August 31 – September 2, 2020 : proceedings 2020 / p. 41-53 [https://doi.org/10.1007/978-3-030-58141-1\\_4](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 sense of Schopenhauer's diagram of Good and Evil**

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

### **Mapping brains on grids of features for schizophrenia analysis**

Perina, Alessandro; Peruzzo, Denis; **Kesa, Maria**; Jojic, Nebojsa; Murino, Vittorio; Bellani, Mellani; Brambilla, Paolo; Castellani, Umberto Medical Image Computing and Computer-Assisted Intervention –MICCAI 2014, 17th International Conference, Boston, MA, USA, September 14-18, 2014, Proceedings, Part II 2014 / p. 805-812 : ill [https://doi.org/10.1007/978-3-319-10470-6\\_100](https://doi.org/10.1007/978-3-319-10470-6_100) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Mapping requirements specifications into a formalized blockchain-enabled authentication protocol for secured personal identity assurance**

Leiding, Benjamin; **Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 181-196 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_13](https://doi.org/10.1007/978-3-319-70004-5_13) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Materials properties of magnesium and calcium hydroxides from first-principles calculations**

Pishtshev, Aleksandr; Karazhanov, S. Zh.; **Klopov, Mihail** Computational materials science 2014 / p. 693-705 : ill <https://doi.org/10.1016/j.commat.2014.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Maximally multi-focused proofs for skew non-commutative MILL**

**Veltri, Niccolò** Logic, Language, Information, and Computation: 29th International Workshop, WoLLIC 2023, Halifax, NS, Canada, July 11–14, 2023 : proceedings 2023 / p. 377-393 [https://doi.org/10.1007/978-3-031-39784-4\\_24](https://doi.org/10.1007/978-3-031-39784-4_24) [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](https://doi.org/10.1007/978-981-15-5856-6_7) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Mental model mapping method for cybersecurity**

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

### **Metacognitive processes involved in human robot interaction in the school learning environment**

Mishra, Deepti; **Lugo, Ricardo Gregorio**; Parish, Karen; Tilden, Solveig Human-Computer Interaction : Thematic Area, HCI 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23–28, 2023 : proceedings, Part II 2023 / p. 85-100 : ill [https://doi.org/10.1007/978-3-031-35599-8\\_6](https://doi.org/10.1007/978-3-031-35599-8_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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](https://doi.org/10.1007/978-3-030-57672-1_17) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Microstructured continua and scaling for wave motion**

**Engelbrecht, Jüri** Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali 2013 / art. A8 <https://doi.org/10.1478/AAPP.91S1A8> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Misconfiguration-free compositional SDN for cloud networks**

Pan, Heng; Li, Zhenyu; Zhang, Penghao; Cui, Penglai; **Salamatian, Mohammad Reza Kave**; Xie, Gaogang IEEE Transactions on Dependable and Secure Computing 2023 / p. 2484 - 2499 <https://doi.org/10.1109/TDSC.2022.3185096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Mobile cyber-physical system for diabetic patients' health status monitoring**

Hovorushchenko, Tetiana; Pytylak, Maksym; Hovorushchenko, Olha; Paionk, Ilyia; Osyadlyi, Vitaliy; **Boyarchuk, Artem** Informatics & Data-Driven Medicine 2023 : proceedings of the 6th International Conference on Informatics & Data-Driven Medicine, Bratislava,

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

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

### **Mobile information system for determining the level of creatine in food product**

Hovorushchenko, Tetiana; Kvasnitskyi, Denys; Hovorushchenko, Olha; Zasornova, Iryna; **Boyarchuk, Artem** IntelITSIS 2023: Intelligent Information Technologies & Systems of Information Security 2023 : proceedings of the 4th International Workshop on Intelligent Information Technologies & Systems of Information Security : Khmelnytskyi, Ukraine, March 22-24, 2023 2023 / p. 185 - 194 <https://ceur-ws.org/Vol-3373/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Mobile phone usage data for credit scoring**

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

### **Mobile smart contracts : exploring scalability challenges and consensus mechanisms**

Deval, Vipin; Dwivedi, Vimal Kumar; Dixit, Abhishek; Norta, Alex; Shah, Syed Attique; **Sharma, Rahul; Draheim, Dirk** IEEE Access 2024 / p. 34265 - 34288 <https://doi.org/10.1109/ACCESS.2024.3371901> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Model checking response times in Networked Automation Systems using jitter bounds**

Srinivasan, Seshadhri; Buonopane, Furio; **Vain, Jüri**; Ramaswamy, Srini Computers in industry 2015 / p. 186-200 <https://doi.org/10.1016/j.compind.2015.06.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Model-based technology of software development in large**

**Penjam, Jaan; Tõugu, Enn** 14th Symposium on Programming Languages and Software Tools, SPLST 2015, Tampere, 9-10 October 2015 2015 / p. 149-163 : ill <https://ceur-ws.org/Vol-1525/paper-11.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Model-based testing of real-time distributed systems**

**Vain, Jüri; Halling, Evelin; Kanter, Gert; Anier, Aivo; Pal, Deepak** Databases and Information Systems : 12th International Baltic Conference, DB&IS 2016, Riga, Latvia, July 4-6, 2016 : proceedings 2016 / p. 272-286 : ill [https://doi.org/10.1007/978-3-319-40180-5\\_19](https://doi.org/10.1007/978-3-319-40180-5_19) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The modeling and investigation of slot skews and supply imbalance on the development of principal slotting harmonics in squirrel cage induction machines**

**Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton**; Khang, Huynh Van; **Ghahfarokhi, Payam Shams; Naseer, Muhammad Usman; Iqbal, Muhammad Naveed** IEEE Access 2021 / p. 165932-165946 <https://doi.org/10.1109/ACCESS.2021.3134331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modeling and robust control algorithms for a linear belt driven system**

**Vu, Trieu Minh**; Tamre, Mart; **Sekhri, Even** Open computer science 2018 / p. 142-153 : ill <https://doi.org/10.1515/comp-2018-0010> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Carlo, Antonio**; Boschetti, Nicolo Modelling and Simulation for Autonomous Systems: 9th International Conference, MESAS 2022, Prague, Czech Republic, October 20–21, 2022 : Revised Selected Papers 2023 / p. 299-311 [https://doi.org/10.1007/978-3-031-31268-7\\_18](https://doi.org/10.1007/978-3-031-31268-7_18) [Journal metrics at Scopus](#) [Article at Scopus](#)

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

### **Monads need not be endofunctors**

Altenkirch, Thorsten; **Chapman, James; Uustalu, Tarmo** Logical methods in computer science 2015 / p. 1-40 [https://doi.org/10.2168/LMCS-11\(1:3\)2015](https://doi.org/10.2168/LMCS-11(1:3)2015) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Monoidal width**

**Di Lavore, Elena; Sobocinski, Pawel Maria** Logical methods in computer science 2023 / p. 15:1–15:46 : ill  
[https://doi.org/10.46298/LMCS-19\(3:15\)2023](https://doi.org/10.46298/LMCS-19(3:15)2023) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **MOOCs in logistics – preliminary data on university curricula coverage**

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

## **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](#)

## **MPM4CPS : Multi-Paradigm Modelling for Cyber-Physical Systems**

Vangheluwe, Hans; Amaral, Vasco; **Norta, Alexander** STAF16-DS-PS 2016 : STAF 2016 Doctoral Symposium and Projects Showcase : joint proceedings of the Doctoral Symposium and Projects Showcase Held as Part of STAF 2016 co-located with Software Technologies : Applications and Foundations (STAF 2016) : Vienna, Austria, July 4-7, 2016 2016 / p. 40-47 <http://ceur-ws.org/Vol-1675/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

## **An MPPT algorithm for PV systems based on a simplified photo-diode model**

Restrepo, Carlos; Gonzalez-Castano, Catalina; Munoz, Javier; **Chub, Andrii**; Vidal-Idiarte, Enric; Giral, Roberto IEEE Access 2021 / p. 33189-33202 <https://doi.org/10.1109/ACCESS.2021.3061340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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](https://doi.org/10.1007/978-3-319-94580-4_9) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

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

## **Multi-objective planning of electric vehicles charging in distribution system considering priority-based vehicle-to-grid scheduling**

**Singh, Praveen Prakash**; Das, Soumyabrata; **Wen, Fushuan; Palu, Ivo**; Singh, Asheesh K.; Thakur, Padmanabh Swarm and evolutionary computation 2023 / art. 101234, 16 p. : ill <https://doi.org/10.1016/j.swevo.2023.101234> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **A multi-terrain robot prototype with archimedean screw actuators : design, realization, modeling, and control**

**Gkliva, Roza; Remmas, Mohamed Walid; Godon, Simon Pierre; Rebane, Jaan; Ochs, Kilian; Kruusmaa, Maarja; Ristolainen, Asko** IEEE Access 2024 / p. 95820 - 95830 <https://doi.org/10.1109/ACCESS.2024.3426105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **NarrowBand-IoT performance analysis for healthcare applications**

**Malik, Hassan; Alam, Muhammad Mahtab; Le Moullec, Yannick; Kuusik, Alar** Procedia computer science 2018 / p. 1077–1083  
<https://doi.org/10.1016/j.procs.2018.04.156> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Negative terms in Euler diagrams : Peirce's solution**

**Moktefi, Amirouche; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 9th International Conference, Diagrams 2016, Philadelphia, PA, USA, August 7-10, 2016 : proceedings 2016 / p. 286-288 : ill [https://doi.org/10.1007/978-3-319-42333-3\\_25](https://doi.org/10.1007/978-3-319-42333-3_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **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](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](#)

### **Network coding for energy efficient transmission in Wireless Body Area Networks**

Talha, Sadaf; Rizwan, Ahmad; Adnan, K. Kiani; **Alam, Muhammad Mahtab** Procedia computer science 2017 / p. 435-440 : ill <https://doi.org/10.1016/j.procs.2017.08.285> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](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](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 efficient utility upper bounds for the fully adaptive model of attack trees**

**Buldas, Ahto; Lenin, Aleksandr** Decision and game theory for security : 4th International Conference, GameSec 2013, Fort Worth, TX, USA, November 11-12, 2013 : proceedings 2013 / p. 192-205 : ill [https://doi.org/10.1007/978-3-319-02786-9\\_12](https://doi.org/10.1007/978-3-319-02786-9_12) [Computer Proceedings metrics at Scopus](#) [Article at Scopus](#)

### **A new six-level transformer-less grid-connected solar photovoltaic inverter with less leakage current**

**Vosoughi Kurdkandi, Naser;** Marangalu, Milad Ghavipanjeh; Mohammadsalehian, Shamim; Tarzamni, Hadi; Siwakoti, Yam P.; Islam, Md. Rabiul; Muttaqi, Kashem M. IEEE Access 2022 / p. 63736 - 63753: ill <https://doi.org/10.1109/ACCESS.2022.3182240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **New test patterns to check the hierarchical structure of wordnets**

**Lohk, Ahti; Norta, Alexander;** Orav, Heili; **Võhandu, Leo** Information and Software Technologies : 20th International Conference, ICIST 2014, Druskininkai, Lithuania, October 9-10, 2014 : proceedings 2014 / p. 110-120 [https://doi.org/10.1007/978-3-319-11958-8\\_9](https://doi.org/10.1007/978-3-319-11958-8_9) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](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](#)

### **NN-SANARX model based control of a multi tank liquid-level system**

**Belikov, Juri; Petlenkov, Eduard** International journal of computational intelligence systems 2015 / p. 265-277 <https://doi.org/10.1080/18756891.2015.1001950> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nonlinear model predictive controller and feasible path planning for autonomous robots**

**Vu, Trieu Minh** Open computer science 2016 / p. 178-186 : ill <https://doi.org/10.1515/comp-2016-0015> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A novel and high-gain switched-capacitor and switched-inductor-based DC/DC boost converter with low input current ripple and mitigated voltage stresses**

Pirpoor, Samaneh; **Rahimpour, Saeed;** Andi, Mikaeil; Kanagaraj N.; Pirouzi, Sasan; Mohammed, Adil Hussein IEEE Access 2022 / p. 32782 - 32802 <https://doi.org/10.1109/ACCESS.2022.3161576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo;** 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](#)

### **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](https://doi.org/10.1007/978-3-030-15035-8_16) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Novel universal power electronic interface for integration of pv modules and battery energy storages in residential DC microgrids**

**Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri;** Lindvest, Andre IEEE Access 2023 / p. 30845-30858 <https://doi.org/10.1109/ACCESS.2023.3260640> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Obfuscating the hierarchy of a digital IP**

**Basiashvili, Giorgi; Abideen, Zain Ul; Pagliarini, Samuel Nascimento** Embedded Computer Systems : Architectures, Modeling,

and Simulation :22nd International Conference, SAMOS 2022, Samos, Greece, July 3-7, 2022 : proceedings 2022 / p. 303-314 [https://doi.org/10.1007/978-3-031-15074-6\\_28](https://doi.org/10.1007/978-3-031-15074-6_28) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Object detection for rescue operations by high-altitude infrared thermal imaging collected by unmanned aerial vehicles**  
Polukhin, Andrii; Gordienko, Yuri; **Jervan, Gert**; Stirenko, Sergii Pattern Recognition and Image Analysis : 11th Iberian Conference, IbPRIA 2023, Alicante, Spain, June 27–30, 2023 : proceedings 2023 / p. 490-504 [https://doi.org/10.1007/978-3-031-36616-1\\_39](https://doi.org/10.1007/978-3-031-36616-1_39) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Occupational qualification standard for truck drivers as a risk management tool in road transportation of dangerous goods**

**Janno, Jelizaveta; Koppel, Ott** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Vol. 2 2021 / p. 277-288 [https://doi.org/10.1007/978-3-030-68201-9\\_29](https://doi.org/10.1007/978-3-030-68201-9_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**An analysis of human perception of partitions of numerical factor domains**

**Kaushik, Minakshi; Sharma, Rahul; Shahin, Mahtab; Arakkal Peious, Sijo; 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](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](#)

**On accessibility conditions for state space nonlinear control systems on homogeneous time scales**

Bartosiewicz, Zbigniew; **Kotta, Ülle; Mullari, Tanel; Tönso, Maris**; Wyrwas, Małgorzata Systems & control letters 2016 / p. 8-13 <https://doi.org/10.1016/j.sysconle.2016.09.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](https://doi.org/10.1007/978-3-319-91186-1_28) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**On hidden solitons in KdV related systems**

**Salupere, Andrus** Mathematics and computers in simulation 2016 / p. 252-262 : ill <https://doi.org/10.1016/j.matcom.2014.04.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On observing patterns of correlations during drill-down**

**Arakkal Peious, Sijo; Sharma, Rahul; Kaushik, Minakshi; Shahin, Mahtab; Draheim, Dirk** Information Integration and Web Intelligence, 25th International Conference, iiWAS 2023, Denpasar, Bali, Indonesia, December 4–6, 2023 : proceedings 2023 / p. 134-143 : ill [https://doi.org/10.1007/978-3-031-48316-5\\_16](https://doi.org/10.1007/978-3-031-48316-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**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](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](https://doi.org/10.1007/978-3-662-63519-3_8) [Journal metrics at Scopus](#) [Article at Scopus](#)

**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](https://doi.org/10.1007/978-3-030-63092-8_40) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**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](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](https://doi.org/10.1007/978-981-33-4370-2_1) [Conference proceeding at Scopus](#) [Article at Scopus](#)

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

**Guerra Manzanares, Alejandro; Bahsi, Hayret** 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 shoulders of giants : colourful argument trees for academic writing**

**Kruusmaa, Maarja; Moktefi, Amirouche; Tuhtan, Jeffrey Andrew** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 520-524 [https://doi.org/10.1007/978-3-030-54249-8\\_48](https://doi.org/10.1007/978-3-030-54249-8_48)

[Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings 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](https://doi.org/10.1007/978-981-15-5859-7_3)

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

**The once-only principle : a matter of trust**

**Krimmer, Robert Johannes; Prentza, Andriana; Mamrot, Szymon; Schmidt, Carsten** The once-only principle : The TOOP project 2021 / p. 1-8 [https://doi.org/10.1007/978-3-030-79851-2\\_1](https://doi.org/10.1007/978-3-030-79851-2_1)

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

**Online detection of out-of-step condition using PMU-determined system impedances**

**Tealane, Marko; Kilter, Jako; Popov, Marjan; Bagleybter, Oleg; Klaar, Danny** IEEE Access 2022 / p. 14807-14818

<https://doi.org/10.1109/ACCESS.2022.3149103> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](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](#)

**An ontology engineering case study for advanced digital forensic analysis**

**Chikul, Pavel; Bahsi, Hayret; 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](https://doi.org/10.1007/978-3-030-78428-7_6)

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

**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](https://doi.org/10.1007/978-3-030-11680-4_24)

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

**Ontology-based integration of software artefacts for DSL development**

**Haav, Hele-Mai; Ojamaa, Andres; Grigorenko, Pavel; Kotkas, Vahur** On the Move to Meaningful Internet Systems: OTM 2015 WorkshopsConfederated International Workshops: OTM Academy, OTM Industry Case Studies Program, E2N, FBM, INBAST, ISDE, META4eS, and MSC 2015, Rhodes, Greece, October 26-30, 2015. Proceedings 2015 / p. 309 - 318 [https://doi.org/10.1007/978-3-319-26138-6\\_34](https://doi.org/10.1007/978-3-319-26138-6_34)

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

**Open government data driven co-creation : moving towards citizen-government collaboration**

**McBride, Keegan David Braun; Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Government : 17th IFIP WG 8.5 International Conference : EGOV 2018, Krems, Austria, September 3–5, 2018 : proceedings 2018 / p. 184-195 : ill

[https://doi.org/10.1007/978-3-319-98690-6\\_16](https://doi.org/10.1007/978-3-319-98690-6_16) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Open urban mmWave radar and camera vehicle classification dataset for traffic monitoring**

**Soom, Jürgen; Leier, Mairo; Janson, Karl; Tuhtan, Jeffrey A.** IEEE Access 2024 / p. 65128 - 65140

<https://doi.org/10.1109/ACCESS.2024.3397013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Opportunities and challenges of utilizing additive manufacturing approaches in thermal management of electrical machines**

**Ghahfarokhi, Payam Shams; Podgornovs, Andrejs; Kallaste, Ants; Cardoso, Antonio J. Marques; Belahcen, Anouar; Vaimann, Toomas; Tiismus, Hans; Asad, Bilal** IEEE Access 2021 / art. 9364970, p. 36368-36381 : ill

<https://doi.org/10.1109/ACCESS.2021.3062618> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Optimized modulation scheme for four-leg quasi Z-source inverter : reducing power loss and improving output quality**

**Abid, Abderahmane; Bakeer, Abualkasim Ahmed Ali; Albalawi, Hani; Zellouma, Laid; Bouzidi, Mansour; Lashab, Abderezak;**

**Rabhi, Boualaga; Chub, Andrii** IEEE Access 2023 / p. 94125-94137 <https://doi.org/10.1109/ACCESS.2023.3305263> [Journal metrics at](#)

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

## **Outdoor comfort analysis in a University Campus during the warm season and parametric design of mitigation strategies for Resilient Urban Environments**

**De Luca, Francesco** Computer-Aided Architectural Design. Design Imperatives: The Future is Now. CAAD Futures 2021 2022 / p. 473-493 [https://doi.org/10.1007/978-981-19-1280-1\\_29](https://doi.org/10.1007/978-981-19-1280-1_29) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Out-of-step protection based on discrete angle derivatives**

**Tealane, Marko; Kilter, Jako;** Bagleybter, Oleg; Heimisson, Birkir; Popov, Marjan IEEE Access 2022 / p. 78290-78305

<https://doi.org/10.1109/ACCESS.2022.3193390> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **An overview of digital signing and the influencing factors in Estonian local governments**

Felt, Sigrid; **Pappel, Ingmar; Pappel, Ingrid** Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 371-384 : ill [https://doi.org/10.1007/978-3-319-48057-2\\_26](https://doi.org/10.1007/978-3-319-48057-2_26)

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

## **An overview of lifetime management of power electronic converters**

**Rahimpour, Saeed; Tarzamni, Hadi; Vosoughi Kurdkandi, Naser; Husev, Oleksandr; Vinnikov, Dmitri;** Tahami, Farzad IEEE Access 2022 / p. 109688-109711 <https://doi.org/10.1109/ACCESS.2022.3214320> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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 [https://doi.org/10.1007/978-3-319-71237-6\\_20](https://doi.org/10.1007/978-3-319-71237-6_20) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **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](https://doi.org/10.1007/978-3-031-17030-0_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

## **A PD-type iterative learning algorithm for semi-linear distributed parameter systems with sensors/actuators**

Zhang, Jianxiang; Cui, Baotong; Jiang, Zhengxian; **Chen, Juan** IEEE Access 2019 / p. 159037-159047 : ill

<https://doi.org/10.1109/ACCESS.2019.2950456> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Peirce's diagrammatic solutions to 'Peirce's Puzzle'**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 246–250 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_23](https://doi.org/10.1007/978-3-030-86062-2_23) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **Peirce's complex diagrams**

Bhattacharjee, Reetu; **Moktefi, Amirouche** Diagrammatic Representation and Inference : 13th International Conference, Diagrams 2022, Rome, Italy, September 14-16, 2022 : Proceedings 2022 / p. 347-355 [https://doi.org/10.1007/978-3-031-15146-0\\_30](https://doi.org/10.1007/978-3-031-15146-0_30) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **Peirce's inclusion diagrams, with application to syllogisms**

Bhattacharjee, Reetu; **Moktefi, Amirouche** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 530-533 [https://doi.org/10.1007/978-3-030-54249-8\\_50](https://doi.org/10.1007/978-3-030-54249-8_50) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

## **Peirce's sequent proofs of distributivity**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Logic and Its Applications : 7th Indian Conference, ICLA 2017, Kanpur, India, January 5-7, 2017 : proceedings 2017 / p. 168-182 [https://doi.org/10.1007/978-3-662-54069-5\\_13](https://doi.org/10.1007/978-3-662-54069-5_13) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **A penalty scheme for mitigating uninstructed deviation of generation outputs from variable renewables in a distribution market**

Yang, Jiajia; Dong, Zhao Yang; **Wen, Fushuan;** Chen, Qixin; Luo, Fengji; Liu, Weijia; Zhan, Junpeng IEEE Transactions on Smart Grid 2020 / p. 4056 - 4069 <https://doi.org/10.1109/TSG.2020.2993049> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **PenChain: a blockchain-based platform for penalty-aware service provisioning**

Nguyen, Trung-Viet; Le, Lam-Son; Shah, Syed Attique; Hameed, Sufian; **Draheim, Dirk** IEEE Access 2024 / p. 1005-1030 : ill <https://doi.org/10.1109/ACCESS.2023.3344038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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](https://doi.org/10.1007/978-3-030-63089-8_17) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Performance evaluation of UWB active-passive two-way ranging distance estimation matrix weighting methods**

**Laadung, Taavi;** Ulp, Sander; **Alam, Muhammad Mahtab;** **Le Moullec, Yannick** WiP Proceedings of the Twelfth International Conference on Indoor Positioning and Indoor Navigation 2022 / p. paper29 <https://ceur-ws.org/Vol-3248/paper29.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Polyverif : an open-source environment for autonomous vehicle validation and verification research acceleration**

Razdan, Rahul; Akbas, Mustafa Ilhan; **Sell, Raivo;** **Bellone, Mauro;** Menase, Mahesh; **Malayjerdi, Mohsen** IEEE Access 2023 / p. 28343-28354 <https://doi.org/10.1109/ACCESS.2023.3258681> [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. 3918, p. 1-16 : ill <https://doi.org/10.23638/DMTCS-19-3-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Butt, Sidra Azmat;** **Pappel, Ingrid;** **Õunapuu, 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](https://doi.org/10.1007/978-3-030-67238-6_10) [Conference proceeding](#) [Article at Scopus](#)

**PPPS'2023 - proactive and personalised public services : searching for meaningful human control in algorithmic government**

Nikiforova, Anastasija; Bharosa, Nitesh; **Draheim, Dirk;** Taveter, Kuldar EGOV-CeDEM-ePart-JP 2023: ongoing research, practitioners, posters, workshops, and projects at EGOV-CeDEM-ePart 2023 : joint proceedings of ongoing research, practitioners, posters, workshops, and projects at EGOV-CeDEM-ePart 2023 co-located with the International Conference EGOV-CeDEM-ePart (EGOV-CeDEM-ePart 2023) : Corvinus University of Budapest, September 4-7, 2023 2023 <https://ceur-ws.org/Vol-3449/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Predicting first-year computer science students drop-out with machine learning methods: A case study**

**Maksimova, Natalja;** **Pentel, Avar;** **Dunajeva, Olga** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 719-726 [https://doi.org/10.1007/978-3-030-68201-9\\_70](https://doi.org/10.1007/978-3-030-68201-9_70) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**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](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](#)

**Predicting students' behavior during an e-learning course using data mining**

**Umbleja, Kadri;** Ichino, Manabu Interactive Collaborative Learning : proceedings of the 19th ICL Conference. Volume 2 2017 / p. 175-189 [https://doi.org/10.1007/978-3-319-50340-0\\_14](https://doi.org/10.1007/978-3-319-50340-0_14) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Preface**

**Pietarinen, Ahti-Veikko;** Chapman, Peter; Bosveld-de Smet, Leonie Diagrammatic Representation and Inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. v - vi <https://doi.org/10.1007/978-3-030-54249-8> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**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://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, CSMMML, 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**

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**

**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

Chapman, Peter; Stapleton, Gem; **Moktefi, Amirouche;** Chapman, Peter; Stapleton, Gem; **Moktefi, Amirouche** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018 Edinburgh, UK, June 18–22, 2018 Proceedings 2018 / p. V - VI <https://link.springer.com/content/pdf/bfm:978-3-319-91376-6/1?pdf=chapter%20toc> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

**Krimmer, Robert Johannes;** Volkamer, Melanie; Cortier, Véronique; Beckert, Bernhard; Küsters, Ralf; Serdült, Uwe; **Duenas Cid, David** Electronic Voting : 4th International Joint Conference, E-Vote-ID 2019, Bregenz, Austria, October 1–4, 2019, Proceedings 2019 / p. v <https://link.springer.com/book/10.1007/978-3-030-30625-0> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

**Krimmer, Robert Johannes;** Volkamer, Melanie; Cortier, Véronique; Goré, Rajeev; Hapsara, Manik; Serdült, Uwe; **Duenas Cid, David** Electronic Voting : Third International Joint Conference, E-Vote-ID 2018, Bregenz, Austria, October 2-5, 2018, Proceedings 2018 / p. i-iv <https://link.springer.com/book/10.1007/978-3-030-00419-4> [Conference Proceedings 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 2021 / p. 4 <https://ceur-ws.org/Vol-3151/xpreface.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

Auer, Michael E.; **Rüütman, Tiia** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020), Volume 1 (2021) 2021 / p. v-vii <https://link.springer.com/book/10.1007/978-3-030-68198-2> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

Auer, Michael E.; **Rüütman, Tiia** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020), Volume 2 2021 / p. v-vii <https://link.springer.com/book/10.1007/978-3-030-68201-9> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

Kupferman, Orna; **Sobocinski, Pawel Maria** Foundations of Software Science and Computation Structures, 26th International Conference, FoSSaCS 2023, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2023, Paris, France, April 22–27, 2023, Proceedings 2023 / p. vii <https://doi.org/10.1007/978-3-031-30829-1> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

**Krimmer, Robert;** Volkamer, Melanie Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020, Proceedings 2020 / p. v <https://link.springer.com/content/pdf/bfm:978-3-030-60347-2/1?pdf=chapter%20toc> [Conference Proceedings metrics at Scopus](#) [Article at Scopus](#)

#### Preface

**Krimmer, Robert;** Prentza, Andriana; Mamrot, Szymon The once-only principle : The TOOP project 2021 / 1 p <https://link.springer.com/book/10.1007/978-3-030-79851-2> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#)

#### Preface

**Krimmer, Robert;** Volkamer, Melanie; Barrat, Jordi; Benaloh, Josh; Goodman, Nicole; Teague, Vanessa Electronic Voting : First International Joint Conference, E-Vote-ID 2016, Bregenz, Austria, October 18-21, 2016 : proceedings 2017 / 1 p <https://link.springer.com/book/10.1007/978-3-319-52240-1> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

Lupeikienė, Audronė; Ralytė, Jolita; Kalibatienė, Diana; **Robal, Tarmo;** Dzemyda, Gintautas Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024) 2024 / p. 2 <https://ceur-ws.org/Vol-3698/preface.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### Preface

Ioannides, Marinos; Magnenat-Thalmann, Nadia; Fink, Eleanor; Žarnić, Roko; Yen, Alex-Yaning; **Quak, Ewald** Digital Heritage : Progress in Cultural Heritage: Documentation, Preservation, and Protection : 5th International Conference, EuroMed 2014, Limassol, Cyprus, November 3-8, 2014, Proceedings 2014 / p. V-VII <https://doi.org/10.1007/978-3-319-13695-0> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **The present and future of large-scale systems modeling and engineering**

**Draheim, Dirk** Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 355-370 : ill [https://doi.org/10.1007/978-3-319-48057-2\\_25](https://doi.org/10.1007/978-3-319-48057-2_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Preventing data-security breaches and patient-safety risks in cross-blockchain e-healthcare systems**

**Kormiltsõn, Aleksandr**; Norta, Alex; Nisar, Sanam; Dwivedi, Vimal Management of Digital EcoSystems : 15th International Conference, MEDES 2023, Heraklion, Crete, Greece, May 5–7, 2023, Revised Selected Papers 2024 / p. 41-54 [https://doi.org/10.1007/978-3-031-51643-6\\_4](https://doi.org/10.1007/978-3-031-51643-6_4) [Conference proceedings at scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

**Löhmus, 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](https://doi.org/10.1007/978-981-32-9343-4_22) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Professional skills for developing supportive learning environments**

**Rüütman, Tiia**; **Läänemets, Urve**; Kiilu, Kristi; Kalamees-Ruubel, Katrin Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 473-484 [https://doi.org/10.1007/978-3-030-68201-9\\_8](https://doi.org/10.1007/978-3-030-68201-9_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **ProSe direct discovery : experimental characterization and context-aware heuristic approach to extend public safety networks lifetime**

**Masood, Ali**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Reggiani, Luca; Scazzoli, Davide; Magarini, Maurizio; Ahmad, Rizwan IEEE Access 2021 / p. 130055 –130071 <https://doi.org/10.1109/ACCESS.2021.3112751> [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](https://ceur-ws.org/Vol-3264/HEDA22_paper_7.pdf) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Purely functional incremental computing**

**Firsov, Denis**; **Jeltsch, Wolfgang** Programming Languages : 20th Brazilian Symposium, SBLP 2016, Maringa, Brazil, September 22-23, 2016 : proceedings 2016 / p. 62-77 : ill [https://doi.org/10.1007/978-3-319-45279-1\\_5](https://doi.org/10.1007/978-3-319-45279-1_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **PV-battery assisted three-level T-Type inverter for AC residential nanogrid realized with small-scale HIL units**

Gutierrez-Escalona, Javier; **Roncero-Clemente, Carlos**; Gonzalez-Romera, Eva; Milanés-Montero, Maria Isabel; Husev, Oleksandr; Romero-Cadaval, Enrique IEEE Access 2023 / p. 48007 - 48021 <https://doi.org/10.1109/ACCESS.2023.3276235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Query learning-based scheme for pertinent resource lookup in Mobile P2P network**

Yefemy, 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, Niccolò** Theoretical Aspects of Computing - ICTAC 2015 : 12th International Colloquium, Cali, Colombia, October 29-31, 2015, Proceedings 2015 / p. 110 - 125 [https://doi.org/10.1007/978-3-319-25150-9\\_8](https://doi.org/10.1007/978-3-319-25150-9_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings 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](https://doi.org/10.1007/978-3-030-54997-8_28) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Radio resource management scheme in NB-IoT systems**

**Malik, Hassan**; Pervaiz, Haris; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Kuusik, Alar**; Imran, Muhammad Ali IEEE Access 2018 / p. 15051-15064 : ill <https://doi.org/10.1109/ACCESS.2018.2812299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Random forests hydrodynamic flow classification in a vertical slot fishway using a bioinspired artificial lateral line probe**

Fukuda, Shinji; **Tuhtan, Jeffrey Andrew; Fuentes-Pérez, Juan Francisco**; Schletterer, Martin; **Kruusmaa, Maarja** Intelligent Robotics and Applications : 9th International Conference, ICIRA 2016, Tokyo, Japan, August 22-24, 2016 : proceedings. Part II 2016 / P. 297-307 : ill [https://doi.org/10.1007/978-3-319-43518-3\\_29](https://doi.org/10.1007/978-3-319-43518-3_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Ransomware attack as Hardware Trojan : a feasibility and demonstration study**

**Almeida, Felipe; Imran, Malik; Raik, Jaan; Pagliarini, Samuel Nascimento** IEEE Access 2022 / p. 44827-44839  
<https://doi.org/10.1109/ACCESS.2022.3168991> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **REACT: Autonomous intrusion response system for intelligent vehicles**

Hamad, Mohammad; Finkenzeller, Andreas; Kühn, Michael; **Roberts, Andrew James; Maennel, Olaf Manuel**; Steinhorst, Sebastian; **Prevelakis, Vassilis** Computers and security 2024 / art. 104008, 17 p. : ill <https://doi.org/10.1016/j.cose.2024.104008>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](#)

#### **Real-time gait anomaly detection using 1D-CNN and LSTM**

**Rostovski, Jakob; Ahmadiilivani, Mohammad Hasan; Krivošei, Andrei; Kuusik, Alar; Alam, Muhammad Mahtab** Digital Health and Wireless Solutions : First Nordic Conference, NCDHWS 2024, Oulu, Finland, May 7-8, 2024 : Proceedings, Part II 2024 / p. 260-278 [https://doi.org/10.1007/978-3-031-59091-7\\_17](https://doi.org/10.1007/978-3-031-59091-7_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **A real-time simulation for P2P energy trading using a distributed algorithm**

**Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo**; Khalil Zidane, T. E.; Mekhilef, Saad IEEE Access 2024 / p. 44135-44146  
<https://doi.org/10.1109/ACCESS.2024.3369899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Recent contributions, future prospects and limitations of interlinking converter control in hybrid AC/DC microgrids**

**Najafzadeh, Mahdiyyeh; Ahmadihangar, Roya; Husev, Oleksandr; Roasto, Indrek; Jalakas, Tanel; Blinov, Andrei** IEEE Access 2021 / art. 9312595, p. 7960-7984 <https://doi.org/10.1109/ACCESS.2020.3049023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](#)

#### **Remote technical labs : an innovative and scalable component for university cybersecurity program admission**

**Maennel, Kaie; Kivimägi, Kristian; Maennel, Olaf Manuel; Sütterlin, Stefan; Ernits, Margus** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 521-533 [https://doi.org/10.1007/978-3-030-68201-9\\_51](https://doi.org/10.1007/978-3-030-68201-9_51) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Representation of an object as a semiotic sign in engineering**

Lille, Harri; **Ruus, Aime** ICGG 2018 - proceedings of the 18th International Conference on Geometry and Graphics : 40th Anniversary-Milan, Italy, August 3-7, 2018 2019 / p. 2201-2204 [https://doi.org/10.1007/978-3-319-95588-9\\_202](https://doi.org/10.1007/978-3-319-95588-9_202) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Requirements for e-testing services in the afgREN cloud-based e-learning system**

Saay, Salim; Laanpere, Mart; Norta, Alexander Technology Enhanced Assessment, 19th International Conference, TEA 2016, Tallinn Estonia, October 5-6, 2016 : revised selected papers 2017 / p. 133-147 [https://doi.org/10.1007/978-3-319-57744-9\\_12](https://doi.org/10.1007/978-3-319-57744-9_12) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Research roadmap for designing a virtual competence assistant for the European labor market**

**Liutkevičius, Markko; Ben Yahia, Sadok** Procedia computer science 2022 / p. 2404-2413 <https://doi.org/10.1016/j.procs.2022.09.299> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Residuation in existential graphs**

**Haydon, Nathan Joseph; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28-30, 2021 : proceedings 2021 / p. 229-237 [https://doi.org/10.1007/978-3-030-86062-2\\_21](https://doi.org/10.1007/978-3-030-86062-2_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Resource-aware scene text recognition using learned features, quantization, and contour-based character extraction**

**Ademola, Olutosin Ajibola; Petlenkov, Eduard; Leier, Mairo** IEEE Access 2023 / p. 56865 - 56874  
<https://doi.org/10.1109/ACCESS.2023.3283931> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Rethinking computer-aided architectural design (CAAD) - from generative algorithms and architectural intelligence to environmental design and ambient intelligence**

Stojanovski, Todor; Zhang, Hui; Frid, Emma; Partanen, Jenni Vilhelmiina Computer-Aided Architectural Design. Design Imperatives: The Future is Now 19th International Conference, CAAD Futures 2021, Los Angeles, CA, USA, July 16-18, 2021, Selected Papers 2022 / p. 62-83 [https://doi.org/10.1007/978-981-19-1280-1\\_5](https://doi.org/10.1007/978-981-19-1280-1_5) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Reversed search maximum clique algorithm based on recoloring**

Kumlander, Deniss; Porošin, Aleksandr WCGO 2019: Optimization of Complex Systems: Theory, Models, Algorithms and Applications 2020 / p. 458-467 [https://doi.org/10.1007/978-3-030-21803-4\\_46](https://doi.org/10.1007/978-3-030-21803-4_46) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Review of basic classes of dividers based on division algorithm**

Patankar, Udayan Sunil; Koel, Ants IEEE Access 2021 / p. 23035-23069 <https://doi.org/10.1109/ACCESS.2021.3055735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Review, analysis, and implementation of path selection strategies for 2D NoCs**

Singh, Rajendra; Bohra, Manoj Kumar; Hemrajani, Prashant; Kalla, Anshuman; Bhatt, Devershi Pallavi; Purohit, Nitin; Daneshtalab, Masoud IEEE Access 2022 / p. 129245 - 129268 <https://doi.org/10.1109/ACCESS.2022.3227460> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Revisiting Peirce's rules of transformation for Euler-Venn diagrams**

Bhattacharjee, Reetu; Moktefi, Amirouche Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 166–182 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_14](https://doi.org/10.1007/978-3-030-86062-2_14) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **The rising role of big data analytics and IoT in disaster management : recent advances, taxonomy and prospects**

Shah, Syed Attique; Seker, Dursun Zafer; Hameed, Sufian; Draheim, Dirk IEEE Access 2019 / Art. nr. 8698814 <https://doi.org/10.1109/ACCESS.2019.2913340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Risks and societal implications of identity theft**

Kalvet, Tarmo; Tiits, Marek; Ubakivi-Hadachi, Pille Electronic Governance and Open Society : Challenges in Eurasia 5th International Conference, EGOS 2018, St. Petersburg, Russia, November 14–16, 2018 : Revised Selected Papers 2019 / p. 67-81 : ill [https://doi.org/10.1007/978-3-030-13283-5\\_6](https://doi.org/10.1007/978-3-030-13283-5_6) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A Roadside unit placement scheme for Vehicular Ad-hoc Networks**

Ben Chaabene, Seif; Yeferny, Taoufik; Ben Yahia, Sadok Advanced Information Networking and Applications : proceedings of the 33rd International Conference on Advanced Information Networking and Applications (AINA-2019) 2020 / p. 619-630 [https://doi.org/10.1007/978-3-030-15032-7\\_52](https://doi.org/10.1007/978-3-030-15032-7_52) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **The role of digital transformation in fostering transparency : an e-court system case study**

Ahmed, Rozha Kamal; Ahmed, Omer; Pappel, Ingrid; Reitsakas, Aleksander; Draheim, Dirk The Role of Digital Technologies in Shaping the Post-Pandemic World : 21st IFIP WG 6.11 Conference on e-Business, e-Services and e-Society, I3E 2022, Newcastle upon Tyne, UK, September 13–14, 2022 : proceedings 2022 / p. 219–230 [https://doi.org/10.1007/978-3-031-15342-6\\_17](https://doi.org/10.1007/978-3-031-15342-6_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **The role of service design in increasing regional innovation in the silver economy**

Erlenheim, Regina; Pappel, Ingrid Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOS 2021, Saint Petersburg, Russia, November 24-25, 2021 : proceedings 2022 / p. 11–20 [https://doi.org/10.1007/978-3-031-04238-6\\_2](https://doi.org/10.1007/978-3-031-04238-6_2) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Rule algebras for adhesive categories**

Behr, Nicolas; Sobocinski, Pawel Maria Logical methods in computer science 2020 / p. 2:1–2:38 [https://doi.org/10.23638/LMCS-16\(3:2\)2020](https://doi.org/10.23638/LMCS-16(3:2)2020) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Runners for interleaving algebraic effects**

Voorneveld, Niels Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 407-424 [https://doi.org/10.1007/978-3-031-17715-6\\_26](https://doi.org/10.1007/978-3-031-17715-6_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Safeguarding a formalized blockchain-enabled identity-authentication protocol by applying security risk-oriented patterns**

Norta, Alexander; Matulevičius, Raimundas; Leiding, Benjamin Computers & Security 2019 / p. 253–269 <https://doi.org/10.1016/j.cose.2019.05.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Scalable Hadoop-based infrastructure for big data analytics**

Astrova, Irina; Koschel, Arne; Heine, Felix; Kalja, Ahto Databases and Information Systems : 13th International Baltic Conference, DB&IS 2018, Trakai, Lithuania, July 1-4, 2018 : proceedings 2018 / p. 233-242 [https://doi.org/10.1007/978-3-319-97571-9\\_19](https://doi.org/10.1007/978-3-319-97571-9_19)

**Scalable medical viewer for virtual reality environments**

Ricciardi, Francesco; **Pastorelli, Emiliano**; De Paolis, Lucio Tommaso; **Herrmann, Heiko** Augmented and Virtual Reality : second International Conference, AVR 2015, Lecce, Italy, August 31 - September 3, 2015 : proceedings 2015 / p. 233-243 : ill

[https://doi.org/10.1007/978-3-319-22888-4\\_17](https://doi.org/10.1007/978-3-319-22888-4_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Sec-IoT: A framework for secured decentralised IoT using blockchain-based technology**

**Khan, Muhidul Islam**; Lawal, Isah A. Proceedings of Fifth International Congress on Information and Communication Technology : ICICT 2020, Vol. 1 2020 / p. 269-277 [https://doi.org/10.1007/978-981-15-5856-6\\_27](https://doi.org/10.1007/978-981-15-5856-6_27) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Secure and efficient implementation of electronic money**

**Buldas, Ahto**; **Draheim, Dirk**; Saarepera, Märt 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. 34-51 [https://doi.org/10.1007/978-981-19-8069-5\\_3](https://doi.org/10.1007/978-981-19-8069-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A secure data infrastructure for personal manufacturing based on a novel key-less, byte-less encryption method**

**Vedešin, Anton**; Dogru, John Mehmet Ulgar; **Liiv, Innar**; **Ben Yahia, Sadok**; **Draheim, Dirk** IEEE Access 2020 / p. 40039-40056 : ill <https://doi.org/10.1109/ACCESS.2019.2946730> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Secure, context-aware and QoS-enabled SDN architecture to improve energy efficiency in IoT-based smart buildings**

Hakiri, Akram; Sallemi, Bassem; Ghandour, Fatma; **Ben Yahia, Sadok** Distributed computing for emerging smart networks : Second International Workshop, DiCES-N 2020, Bizerte, Tunisia, December 18, 2020, proceedings 2020 / p. 55-74 : ill

[https://doi.org/10.1007/978-3-030-65810-6\\_4](https://doi.org/10.1007/978-3-030-65810-6_4) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Securing class initialization in Java-like languages**

Rafnsson, Willard; **Nakata, Keiko**; Sabelfeld, Andrei IEEE transactions on dependable and secure computing 2013 / p. 1-13

<https://doi.org/10.1109/TDSC.2012.73> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Security proofs for hash tree time-stamping using hash functions with small output size**

**Buldas, Ahto**; **Laanoja, Risto** Information security and privacy : 18th Australasian Conference, ACISP 2013, Brisbane, Australia, July 1-3, 2013 : proceedings 2013 / p. 235-250 : ill [https://doi.org/10.1007/978-3-642-39059-3\\_16](https://doi.org/10.1007/978-3-642-39059-3_16) [Conference Proceedings at Scopus](#)

[Article at Scopus](#)

**Security risk management in the aviation turnaround sector**

Matulevičius, Raimundas; **Norta, Alexander**; **Udokwu, Chibuzor**; **Nõukas, Rein** Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 119-140 : ill

[https://doi.org/10.1007/978-3-319-48057-2\\_8](https://doi.org/10.1007/978-3-319-48057-2_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Selection of a green logical data warehouse schema by anti-monotonicity constraint**

Ghabri, Issam; Bellatreche, Ladjel; **Ben Yahia, Sadok** SOFSEM 2020: Theory and Practice of Computer Science : 46th International Conference on Current Trends in Theory and Practice of Informatics, SOFSEM 2020, Limassol, Cyprus, January 20-24, 2020 : Proceedings 2020 / p. 350-361 [https://doi.org/10.1007/978-3-030-38919-2\\_29](https://doi.org/10.1007/978-3-030-38919-2_29) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

**Self assessment tool to bridge the gap between XR Technology, SMEs, and HEIs**

**Köse, Ahmet**; **Tepljakov, Aleksei**; **Alsaleh, Saleh Ragheb Saleh**; **Petlenkov, Eduard** Extended Reality : First International Conference, XR Salento 2022, Lecce, Italy, July 6-8, 2022, Proceedings, Part I 2022 / p. 296-311 : ill [https://doi.org/10.1007/978-3-031-15546-8\\_25](https://doi.org/10.1007/978-3-031-15546-8_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at Scopus](#)

[Conference Proceedings at WOS](#)

**Self-evaluation of pedagogical competencies of academic staff in the context of career management**

**Rüütmann, Tiia**; **Löhmus, Merle**; **Sell, Raivo**; **Stõun, Ija**; **Pihel, Mare** Teaching and Learning in a Digital World : proceedings of the 20th International Conference on Interactive Collaborative Learning. Volume 2 2018 / p. 436-446

[https://link.springer.com/chapter/10.1007/978-3-319-73204-6\\_48](https://link.springer.com/chapter/10.1007/978-3-319-73204-6_48) [https://doi.org/10.1007/978-3-319-73204-6\\_48](https://doi.org/10.1007/978-3-319-73204-6_48) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Semi-automated generation of DSL meta models from formal domain ontologies**

**Ojamaa, Andres**; **Haav, Hele-Mai**; **Penjam, Jaan** Model and Data Engineering : 5th International Conference, MEDI 2015, Rhodes, Greece, September 26-28, 2015, Proceedings 2015 / p. 3-15 [https://doi.org/10.1007/978-3-319-23781-7\\_1](https://doi.org/10.1007/978-3-319-23781-7_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Conference Proceedings at WOS](#)

**Semi-parametric approach to random forests for high-dimensional bayesian optimisation**

**Kuzmanovski, Vladimir**; Hollmén, Jaakko Discovery Science : 25th International Conference, DS 2022, Montpellier, France,

**Sentence writing test for Parkinson disease modeling: comparing predictive ability of classifiers**

**Netšunajev, Aleksei; Nömm, Sven;** Toomela, Aaro; Medijainen, Kadri; Taba, Pille Intelligent Information and Database Systems : 12th Asian Conference, ACIIDS 2020, Phuket, Thailand, March 23-26, 2020 : proceedings, Part I 2020 / p. 345-357  
[https://doi.org/10.1007/978-3-030-41964-6\\_30](https://doi.org/10.1007/978-3-030-41964-6_30) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Sentiment analysis for hotel reviews : a systematic literature review**

Ameur, Asma; Hamdi, Sana; **Ben Yahia, Sadok** ACM Computing Survey 2023 / art. 51 <https://doi.org/10.1145/3605152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The sequent calculus of skew monoidal categories**

**Uustalu, Tarmo;** Veltri, Niccolo; Zeilberger, Noam Electronic notes in theoretical computer science 2018 / p. 345-370  
<https://doi.org/10.1016/j.entcs.2018.11.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A server-assisted hash-based signature scheme**

**Buldas, Ahto; Laanoja, Risto; Truu, Ahto** Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8-10, 2017 : proceedings 2017 / p. 3-17 : ill [https://doi.org/10.1007/978-3-319-70290-2\\_1](https://doi.org/10.1007/978-3-319-70290-2_1) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Server-supported decryption for mobile devices**

Kirss, Johanna Maria; Laud, Peeter; **Snetkov, Nikita;** Vakarjuk, Jelizaveta Security and Trust Management : 18th International Workshop, STM 2022 Copenhagen, Denmark, September 29, 2022 : proceedings 2023 / p. 71-81 [https://doi.org/10.1007/978-3-031-29504-1\\_4](https://doi.org/10.1007/978-3-031-29504-1_4) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Server-supported RSA signatures for mobile devices**

**Buldas, Ahto;** Kalu, Aivo; Laud, Peeter; Oruaas, Mart Computer Security - ESORICS 2017 : 22nd European Symposium on Research in Computer Security, Oslo, Norway, September 11–15, 2017 : proceedings, part I 2017 / p. 315-333 : ill [https://doi.org/10.1007/978-3-319-66402-6\\_19](https://doi.org/10.1007/978-3-319-66402-6_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers**

2016 <https://doi.org/10.1007/978-3-662-50539-7> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Shape classification using hydrodynamic detection via a sparse large-scale 2D-sensitive artificial lateral line**

Wolf, Ben J.; Pirihi, Primoz; **Kruusmaa, Maarja;** Van Netten, Sietse M. IEEE Access 2020 / p. 11393 - 11404  
<https://doi.org/10.1109/ACCESS.2020.2965316> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Signature-based approach to detecting malicious outgoing traffic**

Petliak, Nataliia; Klots, Yurii; Titova, Vira; Cheshun, Viktor; **Boyarchuk, Artem** IntelITSIS 2023: Intelligent Information Technologies & Systems of Information Security 2023 : proceedings of the 4th International Workshop on Intelligent Information Technologies & Systems of Information Security : Khmelnytskyi, Ukraine, March 22-24, 2023 2023 / p. 486 - 506 <https://ceur-ws.org/Vol-3373/paper33.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Simple infeasibility certificates for attack trees**

**Buldas, Ahto; Lenin, Aleksandr;** Villemson, Jan; **Charnamord, Anton** Advances in Information and Computer Security : 12th International Workshop on Security, IWSEC 2017, Hiroshima, Japan, August 30 – September 1, 2017 : proceedings 2017 / p. 39-55 : ill [https://doi.org/10.1007/978-3-319-64200-0\\_3](https://doi.org/10.1007/978-3-319-64200-0_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A simple space vector modulation method with DC-link voltage balancing and reduced common-mode voltage strategy for a three-level T-type quasi-Z source inverter**

Mayorga, Nicolas; Roncero-Clemente, Carlos; Llor, Ana M.; **Husev, Oleksandr** IEEE Access 2021 / art. 9447724, p. 82747-82760  
<https://doi.org/10.1109/ACCESS.2021.3087035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Simultaneous road edge and road surface markings detection using convolutional neural networks**

**Pihlak, Rene; Riid, Andri** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 109-121 [https://doi.org/10.1007/978-3-030-57672-1\\_9](https://doi.org/10.1007/978-3-030-57672-1_9) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Single-experiment observability decomposition of discrete-time analytic systems**

Kawano, Yu; **Kotta, Ülle** Systems & control letters 2016 / p. 193-199 <https://doi.org/10.1016/j.sysconle.2016.09.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Situational states influence on team workload demands in cyber defense exercise**

Ask, Torvald F.; **Sütterlin, Stefan;** Knox, Benjamin James; Lugo, Ricardo Gregorio 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. 3-20 : ill [https://doi.org/10.1007/978-3-030-90328-2\\_1](https://doi.org/10.1007/978-3-030-90328-2_1) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Small languages and big models : using ML to generate Norwegian language social media content for training purposes**  
Aasen, Ole Joachim Arnesen; **Lugo, Ricardo Gregorio**; Knox, Benjamin James Augmented Cognition : 18th International Conference, AC 2024, Held as Part of the 26th HCI International Conference, HCII 2024, Washington, DC, USA, June 29–July 4, 2024, Proceedings, Part II 2024 / p. 103-121 [https://doi.org/10.1007/978-3-031-61572-6\\_8](https://doi.org/10.1007/978-3-031-61572-6_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A small-scale, low-budget semi-immersive virtual environment for scientific visualization and research**  
**Pastorelli, Emiliano**; **Herrmann, Heiko** 2013 International Conference on Virtual and Augmented Reality in Education 2013 / p. 14-22 <https://doi.org/10.1016/j.procs.2013.11.003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Smart cyber-physical system for pattern recognition of illegal 3D designs in 3D printing**  
**Vedešin, Anton**; Dogru, John Mehmet Ulgar; **Liiv, Innar**; **Ben Yahia, Sadok**; **Draheim, Dirk** Smart Applications and Data Analysis : Third International Conference, SADASC 2020, Marrakesh, Morocco, June 25-26, 2020 : proceedings 2020 / p. 74-85 [https://doi.org/10.1007/978-3-030-45183-7\\_6](https://doi.org/10.1007/978-3-030-45183-7_6) [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Smart Energy and power systems modelling: an IoT and Cyber-Physical Systems perspective, in the context of Energy Informatics**  
Bordin, Chiara; Hakansson, Anne; **Mishra, Sambeet** Procedia computer science 2020 / p. 2254–2263 <https://doi.org/10.1016/j.procs.2020.09.275> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Sniper line-of sight calculations for route planning in asymmetric military environments**  
**Kreison, Ove**; **Ruuben, Toomas** Modelling and Simulation for Autonomous Systems : Third International Workshop, MESAS 2016, Rome, Italy, June 15-16, 2016 : revised selected papers 2016 / p. 359-370 : ill [https://doi.org/10.1007/978-3-319-47605-6\\_29](https://doi.org/10.1007/978-3-319-47605-6_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Social media services ecosystem for marginalized youth to access adult education**  
Pata, Kai; **Paas, Sille** Learning Technology for Education Challenges : 8th International Workshop, LTEC 2019, Zamora, Spain, July 15–18, 2019, proceedings 2019 / p. 369-380 [https://doi.org/10.1007/978-3-030-20798-4\\_32](https://doi.org/10.1007/978-3-030-20798-4_32) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Software business : A short history and trends for the future**  
Yrjökoski, Katariina; Jaakkola, Hannu; Systä, Kari; Mikkonen, Tommi; **Henno, Jaak** Eighth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2019 : Ohrid, North Macedonia, 22 - 25. 09. 2019 : proceedings 2019 / p. 18-18:18 <https://perun.pmf.uns.ac.rs/pracner/download/sqamia2019/sqamia2019-proc.pdf> <https://ceur-ws.org/Vol-2508/paper-yrj.pdf> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**A Software Prototype for Multidimensional Design of Data Warehouses Using Ontologies**  
Zekri, Manel; **Ben Yahia, Sadok**; Hilali-Jaghdam, Ines Computational Collective Intelligence : 11th International Conference, ICCCI 2019, Hendaye, France, September 4–6, 2019 : proceedings, part II 2019 / p. 273-284 : ill [https://doi.org/10.1007/978-3-030-28374-2\\_24](https://doi.org/10.1007/978-3-030-28374-2_24) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Solar collection multi-isosurface method : computational design advanced method for the prediction of direct solar access in urban environments**  
**De Luca, Francesco**; **Voll, Hendrik** Computer-Aided Architectural Design : Future Trajectories : 17th International Conference, CAAD Futures 2017, Istanbul, Turkey, July 12-14, 2017 : selected papers 2017 / p. 170-187 : ill [https://doi.org/10.1007/978-981-10-5197-5\\_10](https://doi.org/10.1007/978-981-10-5197-5_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Spatial representation of self-driving vehicle for virtual entity of digital twin**  
**Rassölkin, Anton**; Maksimkins, Pavels; Stupans, Andrejs; **Rjabtšikov, Viktor**; Šenfelds, Armands; **Kuts, Vladimir** Computer 2024 / p. 58-66 <https://doi.org/10.1109/MC.2023.3319108> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Specification and verification of a linear-time temporal logic for graph transformation**  
Gadducci, Fabio; **Laretto, Andrea**; Trotta, Davide Graph transformation, 16th International Conference, ICGT 2023, Held as Part of STAF 2023, Leicester, UK, July 19–20, 2023 : Proceedings 2023 / p. 22-42 : ill [https://doi.org/10.1007/978-3-031-36709-0\\_2](https://doi.org/10.1007/978-3-031-36709-0_2) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Specification of the data warehouse for the decision-making dimension of the bid process information system**  
Zekri, Manel; Zahaf, Sahbi; **Ben Yahia, Sadok** Procedia computer science 2019 / p. 756 - 763 <https://doi.org/10.1016/j.procs.2019.09.231> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Stabilization and stability robustness of coupled non-constant parameter time fractional PDEs**  
**Chen, Juan**; **Tepljakov, Aleksei**; **Petlenkov, Eduard** IEEE Access 2019 / p. 163969 - 163980 : ill

### **Stacking deep-learning model, stories and drawing properties for automatic scene generation**

Elloumi, Samir; **Bignoumba, Nzamba** International journal of advanced computer science and applications 2023 / p. 894-911  
<https://doi.org/10.14569/IJACSA.2023.0140197> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stage models for moving from e-government to smart government**

Lemke, Florian; **Taveter, Kuldar; Erlenheim, Regina; Pappel, Ingrid; Draheim, Dirk**; Janssen, Marijn Electronic Governance and Open Society: Challenges in Eurasia : 6th International Conference, EGOSE 2019, St.Petersburg, Russia, November 13-14, 2019 : Proceedings 2020 / p. 152-164 [https://doi.org/10.1007/978-3-030-39296-3\\_12](https://doi.org/10.1007/978-3-030-39296-3_12) [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Stateful runners of effectful computations**

**Uustalu, Tarmo** Electronic notes in theoretical computer science 2015 / p. 403-421 <https://doi.org/10.1016/j.entcs.2015.12.024> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Stenmap : framework for evaluating cybersecurity-related skills based on computer simulations**

**Mäses, Sten; Randmann, Liina; Maennel, Olaf Manuel; Lorenz, Birgy** 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. 492-504 [https://doi.org/10.1007/978-3-319-91152-6\\_38](https://doi.org/10.1007/978-3-319-91152-6_38) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Stimulating the uptake of AI in public administrations : overview and comparison of AI strategies of european member states**

**Noordt, Colin Pascal van**; Medaglia, Rony; Misuraca, Gianluca EGOV-CeDEM-ePart-\* 2020 : Ongoing Research, Practitioners, Posters, Workshops, and Projects at EGOV-CeDEM-ePart 2020 2020 / p. 269-277 <https://ceur-ws.org/Vol-2797/paper26.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Streams of approximations, equivalence of recursive effectful programs**

**Veltri, Niccolò; Voorneveld, Niels** Mathematics of Program Construction: 14th International Conference, MPC 2022, Tbilisi, Georgia, September 26–28, 2022, Proceedings 2022 / p. 198-221 : ill [https://doi.org/10.1007/978-3-031-16912-0\\_8](https://doi.org/10.1007/978-3-031-16912-0_8) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **The structure of concurrent process histories**

**Nester, Chad Mitchell** Coordination Models and Languages : 23rd IFIP WG 6.1 International Conference, COORDINATION 2021, Held as Part of the 16th International Federated Conference on Distributed Computing Techniques, DisCoTec 2021, Valletta, Malta, June 14-18, 2021 : proceedings 2021 / p. 209–224 [https://doi.org/10.1007/978-3-030-78142-2\\_13](https://doi.org/10.1007/978-3-030-78142-2_13) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Student's behavior in free learning environment and formal education system**

**Kukk, Vello** Learning technology for education in Cloud : MOOC and Big Data : third International Workshop, LTEC 2014, Santiago, Chile, September 2-5, 2014 : proceedings 2014 / p. 187-194 [https://doi.org/10.1007/978-3-319-10671-7\\_19](https://doi.org/10.1007/978-3-319-10671-7_19) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A study into elevator passenger in-cabin behaviour on a smart-elevator platform**

**Robal, Tarmo; Basov, Kevin; Reinsalu, Uljana; Leier, Mairo** Baltic Journal of Modern Computing 2022 / p. 665-688 : ill <https://doi.org/10.22364/bjmc.2022.10.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A study on immediate automatic usability evaluation of web application user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Databases and Information Systems : 12th International Baltic Conference, DB&IS 2016, Riga, Latvia, July 4-6, 2016 : proceedings 2016 / p. 257-271 : ill [https://doi.org/10.1007/978-3-319-40180-5\\_18](https://doi.org/10.1007/978-3-319-40180-5_18) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Success and success factors of the Estonian E-Residency from the state and entrepreneur perspective**

**Sallam, Mohammed Saber H. A.; Lips, Silvia; 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. 291-304 [https://doi.org/10.1007/978-3-031-04238-6\\_22](https://doi.org/10.1007/978-3-031-04238-6_22) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Success in eVoting - success in eDemocracy? The Estonian paradox**

**Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Participation : 8th IFIP WG 8.5 International Conference, ePart 2016, Guimaraes, Portugal, September 5-8, 2016 : proceedings 2016 / p. 55-66 : ill [https://doi.org/10.1007/978-3-319-45074-2\\_5](https://doi.org/10.1007/978-3-319-45074-2_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Super twisting sliding mode control strategy for input series output parallel converters**

Guler, Naki; Bayhan, Sertac; Fesli, Ugur; **Blinov, Andrei; Vinnikov, Dmitri** IEEE Access 2023 / p. 107394-107403  
<https://doi.org/10.1109/ACCESS.2023.3320178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Supply chain and ICT issues of Estonia: survey findings**

**Kisler, Ain**; Solakivi, Tomi; **Hilmola, Olli-Pekka Kristian** Procedia computer science 2020 / p. 828-837

<https://doi.org/10.1016/j.procs.2020.09.078> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Surjective cellular automata far from the Garden of Eden**

**Capobianco, Silvio**; Guillon, Pierre; Kari, Jarkko Discrete mathematics and theoretical computer science 2013 / p. 41-60 : ill

[https://www.researchgate.net/publication/264932675\\_Surjective\\_cellular\\_automata\\_far\\_from\\_the\\_Garden\\_of\\_Eden](https://www.researchgate.net/publication/264932675_Surjective_cellular_automata_far_from_the_Garden_of_Eden)

<https://doi.org/10.46298/dmtcs.618> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Survey on architectural attacks : a unified classification and attack model**

**Ghasempouri, Tara**; **Raik, Jaan**; Reinbrecht, Cezar; Hamdioui, Said; Hamdioui, Said ACM Computing Surveys 2023 / art. 42

<https://doi.org/10.1145/3604803> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A survey on split manufacturing : attacks, defenses, and challenges**

**Perez, Tiago Diadami**; **Pagliarini, Samuel Nascimento** IEEE Access 2020 / p. 184013-184035

<https://doi.org/10.1109/ACCESS.2020.3029339> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A survey on the roles of communication technologies in IoT-based personalized healthcare applications**

**Alam, Muhammad Mahtab**; **Malik, Hassan**; **Khan, Muhidul Islam**; **Pardy, Tamas**; **Kuusik, Alar**; **Le Moullec, Yannick** IEEE

Access 2018 / p. 36611-36631 : ill <https://doi.org/10.1109/ACCESS.2018.2853148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sweedler theory of monads**

McDermott, Dylan; **Rivas, Exequiel**; **Uustalu, Tarmo** Foundations of Software Science and Computation Structures : 25th International Conference, FOSSACS 2022, Held As Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2022, Munich, Germany, April 2-7, 2022 : proceedings 2022 / p. 428-448 [https://doi.org/10.1007/978-3-030-99253-8\\_22](https://doi.org/10.1007/978-3-030-99253-8_22)

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

### **Synthesis of implementations for divide-and-conquer specifications**

**Bortin, Maksym** Formal Methods: Foundations and Applications: 25th Brazilian Symposium, SBMF 2022, Virtual Event, December 6-9, 2022, proceedings 2022 / p. 73-88 [https://doi.org/10.1007/978-3-031-22476-8\\_5](https://doi.org/10.1007/978-3-031-22476-8_5) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

### **System for determination of legal responsibility/penalty for a cybersecurity breach**

Hovorushchenko, Tetiana; Herts, Alla; **Boyarchuk, Artem**; Pavlova, Olga ITTAP 2022 - Proceedings of the 2nd International

Workshop on Information Technologies: Theoretical and Applied Problems 2022 / p. 233-240 <https://ceur-ws.org/Vol-3309/short9.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A systematic approach to define requirements and engineer the ontology for semantically merging data sets for personal-Centric healthcare systems**

**Kormiltsõn, Aleksandr** CAiSE 2018 Doctoral Consortium 2018 / p. 91 - 99 <https://ceur-ws.org/Vol-2114/paper11.pdf> [Conference](#)

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

### **A systematic assessment of numerical association rule mining methods**

**Kaushik, Minakshi**; **Sharma, Rahul**; **Arakkal Peious, Sijo**; **Shahin, Mahtab**; **Ben Yahia, Sadok**; **Draheim, Dirk** SN Computer

Science 2021 / art. 348 <https://doi.org/10.1007/s42979-021-00725-2> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Systematic digital signing in Estonian e-Government processes : influencing factors, technologies, change management**

**Pappel, Ingrid**; Pappel, Ingmar; **Tepandi, Jaak**; **Draheim, Dirk** Transactions on large-scale data- and knowledge-centered systems

XXXVI : special issue on data and security engineering 2017 / p. 31-51 : ill [https://doi.org/10.1007/978-3-662-56266-6\\_2](https://doi.org/10.1007/978-3-662-56266-6_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Systematic literature review of methods for maintaining data integrity**

**Kask, Marten**; **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. 259-268 [https://doi.org/10.1007/978-3-030-87657-9\\_20](https://doi.org/10.1007/978-3-030-87657-9_20) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **A systematic literature review on hardware reliability assessment methods for deep neural networks**

**Ahmadilivani, Mohammad Hasan**; **Taheri, Mahdi**; **Raik, Jaan**; **Daneshtalab, Masoud**; **Jenihhin, Maksim** ACM Computing

Surveys 2024 / art. 141, 39 p. : ill <https://doi.org/10.1145/3638242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Taking updates seriously**

Ahman, Danel; **Uustalu, Tarmo** 6th International Workshop on Bidirectional Transformations, BX 2017 : Uppsala, Sweden, 29 April

2017 2017 / p. 59-73 : ill <http://ceur-ws.org/Vol-1827/paper11.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Task-based mobile learning ISC-system: built-in Coronavirus immunity confirmed**

**Udal, Andres; Jaanus, Martin; Piho, Gunnar** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 604-616 [https://doi.org/10.1007/978-3-030-68201-9\\_59](https://doi.org/10.1007/978-3-030-68201-9_59) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Teaching and promoting smart internet of things solutions using the serious-game approach**

**Õunapuu, Enn** Fusion of smart, multimedia and computer gaming technologies : research, systems and perspectives 2015 / p. 73-90 : ill [https://doi.org/10.1007/978-3-319-14645-4\\_4](https://doi.org/10.1007/978-3-319-14645-4_4) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Teaching project risk management in a BIM-enabled learning environment**

**Witt, Emlyn David Qivitoq; Olowa, Theophilus Oluwarotimi Olatunde; Lill, Irene** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 162-173 [https://doi.org/10.1007/978-3-030-68198-2\\_14](https://doi.org/10.1007/978-3-030-68198-2_14) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Teaching rapid application development skills for digitalisation challenges**

**Robal, Tarmo; Reinsalu, Uljana; Leoste, Janika; Jürimägi, Lembit; Heinsar, Risto** Digital Business and Intelligent Systems : 16th International Baltic Conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024, Proceedings 2024 / p. 177-192 : ill [https://doi.org/10.1007/978-3-031-63543-4\\_12](https://doi.org/10.1007/978-3-031-63543-4_12) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Technology and the reincarnation cycles of software**

**Jaakkola, Hannu; Henno, Jaak; Mäkelä, Jukka** Sixth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2017 : Belgrade, Serbia, 11-13.09.2017 : proceedings 2017 / p. 5:1-5:10 : ill <http://ceur-ws.org/Vol-1938/paper-jak.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Technology push in AI-enabled services : how to master technology integration in case of Bürokratt**

**Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid** SN computer science 2024 / art. 738 <https://doi.org/10.1007/s42979-024-03064-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Temporal multi-view contracts for efficient test models**

**Guin, Jishu; Vain, Jüri; Tsiopoulos, Leonidas; Valdek, Gert** Digital Business and Intelligent Systems : 15th International Baltic Conference, Baltic DB&IS 2022, Riga, Latvia, July 4-6, 2022 : proceedings 2022 / p. 136–151 [https://doi.org/10.1007/978-3-031-09850-5\\_10](https://doi.org/10.1007/978-3-031-09850-5_10) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Temporal multi-view contracts help developing efficient test models**

**Guin, Jishu; Vain, Jüri; Tsiopoulos, Leonidas; Valdek, Gert** Baltic journal of modern computing 2022 / p. 710-737 <https://doi.org/10.22364/bjmc.2022.10.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ten years of the e-Health system in Estonia**

**Metsallik, Janek; Ross, Peeter; Draheim, Dirk; Piho, Gunnar** Proceedings of the 3rd International Workshop on (Meta)Modelling for Healthcare Systems : Bergen, Norway, June 13th, 2018 2018 / p. 6-15 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063545781&partnerID=40&md5=f41245c5435512866e6bcbaf5a03ba85> <http://ceur-ws.org/Vol-2336/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Testing web services with model-based mutation**

**Siavashi, Faezeh; Iqbal, Junaid; Truscan, Dragos; Vain, Jüri** Software Technologies : 11th International Joint Conference, ICSOFT 2016 : Lisbon, Portugal, July 24–26, 2016 : revised selected papers 2017 / p. 45-67 [https://doi.org/10.1007/978-3-319-62569-0\\_3](https://doi.org/10.1007/978-3-319-62569-0_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Tests of graphics rendering in browsers**

**Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka** Sixth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2017 : Belgrade, Serbia, 11-13.09.2017 : proceedings 2017 / p. 3:1-3:10 <https://ceur-ws.org/Vol-1938/paper-hen.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **The beauty of graphs**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 9-12 [https://doi.org/10.1007/978-3-319-91376-6\\_2](https://doi.org/10.1007/978-3-319-91376-6_2) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **The benefits of self-awareness and attention in fog and mist computing**

**Preden, Jürjo-Sören; Tammemäe, Kalle; Jantsch, Axel; Leier, Mairo; Riid, Andri** Calis, Emine Computer 2015 / p. 37-45 : ill <https://doi.org/10.1109/MC.2015.207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The data quality framework for the Estonian public sector and its evaluation : establishing a systematic process-oriented viewpoint on cross-organizational data quality**

**Tepandi, Jaak; Lauk, Mihkel; Linros, Janar; Raspel, Priit; Piho, Gunnar; Pappel, Ingrid; Draheim, Dirk** Transactions on large-scale data- and knowledge-centered systems XXXV 2017 / p. 1-26 : ill [https://doi.org/10.1007/978-3-662-56121-8\\_1](https://doi.org/10.1007/978-3-662-56121-8_1) [Conference](#)

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

### **The digital archiving process in Estonia - assessment and future perspectives**

**Pappel, Ingrid; Oolu, Karin;** Saarevet, Koit; **Lauk, Mihkel; 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. 472-481 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_34](https://doi.org/10.1007/978-3-319-70004-5_34) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The future of the once-only principle in Europe**

**Krimmer, Robert Johannes;** Prentza, Andriana; Mamrot, Szymon; **Schmidt, Carsten;** Cepilovs, Aleksandrs The once-only principle : The TOOP project 2021 / p. 225-236 [https://doi.org/10.1007/978-3-030-79851-2\\_12](https://doi.org/10.1007/978-3-030-79851-2_12) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

### **The potential of the Estonian e-Governance infrastructure in supporting displaced Estonian residents**

Thurnay, Lőrinc; Klasche, Benjamin; **Nyman-Metcalf, Katrin Merike; Pappel, Ingrid; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 6th International Conference, EGOVIS 2017, Lyon, France, August 28-31, 2017 : proceedings 2017 / p. 236-250 [https://doi.org/10.1007/978-3-319-64248-2\\_17](https://doi.org/10.1007/978-3-319-64248-2_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The proposal of countermeasures for deepfake voices on social media considering waveform and text embedding**

Yanagi, Yuta; Orihara, Ryohei; **Tahara, Yasuyuki;** Sei, Yuichi; **Alumäe, Tanel; Ohsuga, Akihiko** Annals of emerging technologies in computing 2024 / p. 15-31 ill <https://doi.org/10.33166/AETiC.2024.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **The role of stakeholders in E-Occupational health and safety system in Estonia**

**Vilcane, Inese; Koppel, Tarmo;** Kalkis, Henrijs; **Tsenter, Olga; Tint, Piia** Advances in Human Factors in Training, Education, and Learning Sciences : Proceedings of the AHFE 2019 International Conference on Human Factors in Training, Education, and Learning Sciences, July 24-28, 2019, Washington D.C., USA 2019 / p. 22-33 [https://doi.org/10.1007/978-3-030-20142-5\\_3](https://doi.org/10.1007/978-3-030-20142-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **The technical challenges in OOP application across the European Union and the TOOP OOP architecture**

**Tepandi, Jaak;** Rotuna, Carmen; Sellitto, Giovanni Paolo; Fieten, Sander; Prentza, Andriana The once-only principle : The TOOP project 2021 / p. 141-163 [https://doi.org/10.1007/978-3-030-79851-2\\_8](https://doi.org/10.1007/978-3-030-79851-2_8) [Collection metrics at Scopus](#) [Article at Scopus](#) [Collection metrics at WOS](#) [Article at WOS](#)

### **Theoretical aspects of symbolic automata**

**Tamm, Hellis;** Veanes, Margus SOFSEM 2018 : Theory and Practice of Computer Science : 44th International Conference on Current Trends in Theory and Practice of Computer Science, Krems, Austria, January 29 - February 2, 2018 : proceedings 2018 / p. 428-441 [https://doi.org/10.1007/978-3-319-73117-9\\_30](https://doi.org/10.1007/978-3-319-73117-9_30) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Theory of átomata**

Brzozowski, Janusz; **Tamm, Hellis** Theoretical computer science 2014 / p. 13-27 : ill <https://doi.org/10.1016/j.tcs.2014.04.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A theory of secure and efficient implementation of electronic money**

**Buldas, Ahto; Draheim, Dirk;** Saarepera, Märt SN Computer Science 2023 / art. 861, 25 p. : ill <https://doi.org/10.1007/s42979-023-02232-y> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Thickener control on the basis of ultrasonic measurements and fuzzy inference**

Morkun, Volodymyr; Morkun, Natalia; Serdiuk, Oleksandra; Haponenko, Alona; **Boyarchuk, Artem** IntellITSIS 2022 : Proceedings of the 3rd International Workshop on Intelligent Information Technologies and Systems of Information Security 2022 / p. 238-248 <https://ceur-ws.org/Vol-3156/paper17.pdf> <https://ceur-ws.org/Vol-3156/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Threat modeling of cyber-physical systems - a case study of a microgrid system**

**Khalil, Shaymaa Mamdouh; Bahsi, Hayretidin; Dola, Henry Ochieng; Korötko, Tarmo;** McLaughlin, Kieran; **Kotkas, Vahur** Computers & Security 2023 / art. 102950, 16 p. : ill <https://doi.org/10.1016/j.cose.2022.102950> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Threat modeling of industrial control systems: A systematic literature review**

**Khalil, Shaymaa Mamdouh; Bahsi, Hayretidin; Korötko, Tarmo** Computers and security 2024 / art. 103543, 19 p. : ill <https://doi.org/10.1016/j.cose.2023.103543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Three-dimensional CFD analysis of liquid slug acceleration and impact in a voided pipeline with end orifice**

He, Junling; Hou, Qingzhi; Lian, Jijian; Tijsseling, Arris S.; Bozkus, Zafer; **Laanearu, Janek;** Lin, Lei Engineering Applications of Computational Fluid Mechanics 2022 / p. 1444-1463 <https://doi.org/10.1080/19942060.2022.2095440> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Three-dimensional visualization of legal acts : concept and prototype**

**Täks, Ermo; Kruuk, Helina; Draheim, Dirk** Future data and security engineering : big data, security and privacy, smart city and industry 4.0 applications : 10th International Conference, FDSE 2023, Da Nang, Vietnam, November 22–24, 2023, proceedings 2023 / p. 3-17 [https://doi.org/10.1007/978-981-99-8296-7\\_1](https://doi.org/10.1007/978-981-99-8296-7_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **3DLaneNAS : neural architecture search for accurate and light-weight 3D lane detection**

Zoljodi, Ali; Loni, Mohammad; Abadijoui, Sadegh; Alibeigi, Mina; **Daneshtalab, Masoud** Artificial Neural Networks and Machine Learning - ICANN 2022 : proceedings. Part I 2022 / p. 404-415 [https://doi.org/10.1007/978-3-031-15919-0\\_34](https://doi.org/10.1007/978-3-031-15919-0_34) [Conference Proceedings at scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Three-phase bidirectional isolated AC-DC matrix-converter with full soft-switching range**

**Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Emiliani, Pietro; Chub, Andrii; Vinnikov, Dmitri** IEEE Access 2023 / p. 119270-119283 <https://doi.org/10.1109/ACCESS.2023.3327224> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Throughput and channel aware MAC scheduling for SmartBAN standard**

**Khan, Rida; Alam, Muhammad Mahtab; Paso, Tuomas; Haapola, Jussi** IEEE Access 2019 / p. 63133-63145 : ill <https://doi.org/10.1109/ACCESS.2019.2916159> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ticking clocks as dependent right adjoints: Denotational semantics for clocked type theory**

Mannaa, Bassel; Mogelberg, Rasmus Ejlers; **Veltri, Niccolo** Logical Methods in Computer Science 2020 / p. 17:1 - 17:31 [https://doi.org/10.23638/LMCS-16\(4:17\)2020](https://doi.org/10.23638/LMCS-16(4:17)2020) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **To i-vote or not to i-vote: drivers and barriers to the implementation of internet voting**

**Licht, Nathan;** Duena Cid, David; Krivosova, Iuliia; Krimmer, Robert Johannes Electronic voting : 6th International Joint Conference, E-Vote-ID 2021, Virtual Event, October 5–8, 2021, Proceedings 2021 / p. 91-105 : ill [https://doi.org/10.1007/978-3-030-86942-7\\_7](https://doi.org/10.1007/978-3-030-86942-7_7) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

### **To sustainable programming**

**Henno, Jaak;** Jaakkola, Hannu; Mäkelä, Jukka SQAMIA 2024 : Software Quality Analysis, Monitoring, Improvement, and Applications 2024 : Proceedings of the Eleventh Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications Novi Sad, Serbia, September 9-11, 2024 2024 / 10 p. <https://ceur-ws.org/Vol-3845/paper15.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A tool for design-time usability evaluation of web user interfaces**

**Marenkov, Jevgeni; Robal, Tarmo; Kalja, Ahto** Advances in databases and information systems 21st European Conference, ADBIS 2017 Nicosia, Cyprus, September 24-27, 2017 : proceedings 2017 / p. 394-407 : ill [https://doi.org/10.1007/978-3-319-66917-5\\_26](https://doi.org/10.1007/978-3-319-66917-5_26) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A tool-supported approach for introducing aspects in UPPAAL timed automata**

Truscan, Dragos; **Vain, Jüri;** Koskinen, Martin; Iqbal, Junaid Software technologies : 9th International Joint Conference, ICSoft 2014, Vienna, Austria, August 29-31, 2014 : revised selected papers 2015 / p. 349-364 [https://doi.org/10.1007/978-3-319-25579-8\\_20](https://doi.org/10.1007/978-3-319-25579-8_20) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **TOOP trust architecture**

Boldrin, Luca; Sellitto, Giovanni Paolo; **Tepandi, Jaak** The once-only principle : The TOOP project 2021 / p. 126–140 [https://doi.org/10.1007/978-3-030-79851-2\\_7](https://doi.org/10.1007/978-3-030-79851-2_7) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article collection metrics at WOS](#) [Article at WOS](#)

### **Top-K formal concepts for identifying positively and negatively correlated biclusters**

Huari, Amina; **Ben Yahia, Sadok** Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 156-172 [https://doi.org/10.1007/978-3-030-78428-7\\_13](https://doi.org/10.1007/978-3-030-78428-7_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Topology-morphing photovoltaic microconverter with wide MPPT voltage window and post-fault operation capability**

**Vinnikov, Dmitri; Chub, Andrii; Zinchenko, Denys; Sidorov, Vadim** IEEE Access 2020 / art. 9171332, p. 153941-153955 : ill <https://doi.org/10.1109/ACCESS.2020.3017805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Toward software-defined networking-based IoT frameworks : a systematic literature review, taxonomy, open challenges and prospects**

Siddiqui, Shahbaz; Hameed, Sufian; Shah, Syed Attique; Aneiba, Adel; **Draheim, Dirk;** Dustdar, Schahram IEEE Access 2022 / p. 70850-70901 <https://doi.org/10.1109/ACCESS.2022.3188311> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards a foundation of Web3**

**Buldas, Ahto; Draheim, Dirk;** Gault, Mike; Saarepera, Märt 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,

**Towards an architecture for e-learning infrastructures on a national level : a case study of AfgREN**

Saay, Mohammad Salim; **Norta, Alexander**; Laanpere, Mart Current Developments in Web Based Learning : ICWL 2015 International Workshops, KMEL, IWUM, LA, Guangzhou, China, November 5-8, 2015 : revised selected papers 2016 / p. 98-107 : ill [https://doi.org/10.1007/978-3-319-32865-2\\_11](https://doi.org/10.1007/978-3-319-32865-2_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Towards assessment of behavioral patterns in a virtual reality environment**

**Köse, Ahmet; Tepļakov, Aleksei; Abel, Mihkel; Petlenkov, Eduard** Augmented Reality, Virtual Reality, and Computer Graphics : 6th International Conference, AVR 2019 :Santa Maria al Bagno, Italy, June 24–27, 2019 : Proceedings. Part I 2019 / p. 237–253 : ill [https://doi.org/10.1007/978-3-030-25965-5\\_18](https://doi.org/10.1007/978-3-030-25965-5_18) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

**Towards assisting interactive reality : interactive reality for education, data analysis and industry**

**Köse, Ahmet; Tepļakov, Aleksei; Petlenkov, Eduard** Augmented Reality, Virtual Reality, and Computer Graphics : 5th International Conference : AVR 2018, Otranto, Italy, June 24–27, 2018 : proceedings, Part I 2018 / p. 569-588 [https://doi.org/10.1007/978-3-319-95282-6\\_41](https://doi.org/10.1007/978-3-319-95282-6_41) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Towards disaster resilient smart cities : can internet of things and big data analytics be the game changers?**

Shah, Syed Attique; Seker, Dursun Zafer; Rathore, M. Mazhar; Hameed, Sufian; **Ben Yahia, Sadok; Draheim, Dirk** IEEE Access 2019 / art. 8759905, p. 91885–91903 <https://doi.org/10.1109/ACCESS.2019.2928233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Towards establishing relationships between human arousal level and motion mass**

**Nõmm, Sven**; Kõnnusaar, Tiit; Toomela, Aaro Neural Information Processing : 21st International Conference, ICONIP 2014, Kuching, Malaysia, November 3-6, 2014 : proceedings. Part 1 2014 / p. 19-26 : ill [https://doi.org/10.1007/978-3-319-12637-1\\_3](https://doi.org/10.1007/978-3-319-12637-1_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

**Towards industrialization of FOPID controllers : a survey on milestones of fractional-order control and pathways for future developments**

**Tepļakov, Aleksei**; Alagoz, Baris Baykant; Yeroglu, Celaeddin; Gonzalez, Emmanuel A.; HosseinNia, Hassan; **Petlenkov, Eduard; Ates, Abdullah; Cech, Martin** IEEE Access 2021 / p. 21016-21042 <https://doi.org/10.1109/ACCESS.2021.3055117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Towards modeling of finger motions in virtual reality environment**

**Nõmm, Sven**; Toomela, Aaro; **Kulikov, Jaroslav** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12-15, 2017 : proceedings. Part I 2017 / p. 106-115 : ill [https://doi.org/10.1007/978-3-319-60922-5\\_8](https://doi.org/10.1007/978-3-319-60922-5_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Towards personalized elevator travel with smart elevator system**

**Robal, Tarmo; Reinsalu, Uljana; Leier, Mairo** Baltic journal of modern computing 2020 / p. 675-697 <https://doi.org/10.22364/bjmc.2020.8.4.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Towards the notion of average trajectory of the repeating motion of human limbs**

**Nõmm, Sven**; Toomela, Aaro; **Gaichenja, Ilia** Intelligent Information and Database Systems : 9th Asian Conference, ACIIDS 2017, Kanazawa, Japan, April 3-5, 2017 : proceedings. Part II 2017 / p. 582-591 : ill [https://doi.org/10.1007/978-3-319-54430-4\\_56](https://doi.org/10.1007/978-3-319-54430-4_56) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Towards unification of statistical reasoning, OLAP and association rule mining : semantics and pragmatics**

**Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo**; Shahin, Mahtab; **Draheim, Dirk** Database Systems for Advanced Applications : 27th International Conference, DASFAA 2022, Virtual Event, April 11–14, 2022 : proceedings. Part I 2022 / p. 596–603 [https://doi.org/10.1007/978-3-031-00123-9\\_48](https://doi.org/10.1007/978-3-031-00123-9_48) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Training young cybersecurity talents – The case of Estonia**

**Kikkas, Kaido; Lorenz, Birgy** HCI International 2020 - Posters : 22nd International Conference, HCII 2020, Copenhagen, Denmark, July 19-24, 2020, Proceedings, Part II 2020 / p. 256-263 [https://doi.org/10.1007/978-3-030-50729-9\\_36](https://doi.org/10.1007/978-3-030-50729-9_36) [Conference proceeding at Scopus](#) [Journal metrics at Scopus](#)

**Transition from classroom teaching to E-learning in a blink of an eye**

**Anus, Ivar** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 797-807 [https://doi.org/10.1007/978-3-030-68201-9\\_79](https://doi.org/10.1007/978-3-030-68201-9_79) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Tripped at the finishing line : the Åland Islands internet voting project**

**Duenas Cid, David; Krivososova, Iuliia; Serrano-Iova, Radu-Antonio;** Freire, Marlon; **Krimmer, Robert Johannes** Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020 : proceedings 2020 / p. 36-49 : ill [https://doi.org/10.1007/978-3-030-60347-2\\_3](https://doi.org/10.1007/978-3-030-60347-2_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **"Trust me, you will need it" : cybersecurity as extracurricular subject at Estonian schools**

**Lorenz, Birgy; Kikkas, Kaido** 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. 175-188 [https://doi.org/10.1007/978-3-030-50309-3\\_12](https://doi.org/10.1007/978-3-030-50309-3_12) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Two cognitive systems, two implications, and selection tasks**

Bobrova, Angelina; **Pietarinen, Ahti-Veikko** Software Engineering and Formal Methods : SEFM 2019 Collocated Workshops: CoSim-CPS, ASYDE, CIFMA, and FOCLASA, Oslo, Norway, September 16–20, 2019, Revised Selected Papers 2020 / p. 195 - 205 [https://doi.org/10.1007/978-3-030-57506-9\\_15](https://doi.org/10.1007/978-3-030-57506-9_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at Scopus](#) [Article at WOS](#)

### **Two implications and dual-process theories of reasoning**

Bobrova, Angelina; **Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 239-243 [https://doi.org/10.1007/978-3-030-54249-8\\_19](https://doi.org/10.1007/978-3-030-54249-8_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Two set-based implementations of quotients in type theory**

**Veltri, Niccolò** 14th Symposium on Programming Languages and Software Tools, SPLST 2015, Tampere, 9-10 October 2015 2015 / p. 194-205 <https://ceur-ws.org/Vol-1525/paper-14.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Two-dimensional knowledge model for learning control and competence mapping**

**Kukk, Vello; Umbleja, Kadri; Jaanus, Martin** Learning Technology for Education in Cloud : 4th International Workshop, LTEC 2015, Maribor, Slovenia, August 24-28, 2015 : proceedings 2015 / p. 16-27 : ill [https://doi.org/10.1007/978-3-319-22629-3\\_2](https://doi.org/10.1007/978-3-319-22629-3_2) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations**

Adámek, V.; **Berezovski, Arkadi;** Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140 <https://doi.org/10.1016/j.matcom.2020.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A Two-layered approach for the validation of an operational autonomous shuttle**

**Malayjerdi, Mohsen;** Goss, Quentin A.; Akbas, Mustafa Ilhan; **Sell, Raivo; Bellone, Mauro** IEEE Access 2023 / p. 89124–89137 <https://doi.org/10.1109/ACCESS.2023.3306602> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A type system with subtyping for Webassembly's stack polymorphism**

McDermott, Dylan; Morita, Yasuaki; **Uustalu, Tarmo** Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 305-323 [https://doi.org/10.1007/978-3-031-17715-6\\_20](https://doi.org/10.1007/978-3-031-17715-6_20) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **UAV and SWIPT assisted disaster aware clustering and association**

Hassan, Ali; Ahmad, Rizwan; Ahmed, Waqas; Magarini, Maurizio; **Alam, Muhammad Mahtab** IEEE Access 2020 / p. 204791–204803 <https://doi.org/10.1109/ACCESS.2020.3035959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ultra-high step-up DC-DC converters based on center-tapped inductors**

Tarzamni, Hadi; **Vosoughi Kurdkandi, Naser;** Gohari, Homayon Soltani; Lehtonen, Matti; **Husev, Oleksandr;** Blaabjerg, Frede IEEE Access 2021 / p. 136373-136383 : ill <https://doi.org/10.1109/ACCESS.2021.3117856> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An ultra-scalable blockchain platform for universal asset tokenization : design and implementation**

**Buldas, Ahto; Draheim, Dirk;** Gault, Mike; Laanoja, Risto; Nagumo, Takehiko; Saarepera, Märt; Shah, Syed Attique; Simm, Joosep; Steiner, Jamie; **Tammet, Tanel;** Truu, Ahto IEEE Access 2022 / p. 77284-77322 : ill <https://doi.org/10.1109/ACCESS.2022.3192837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **University ecosystem for student startups : a 'platform of trust' perspective**

**Ainamo, Antti; Pikas, Ergo;** Mikkilä, K. Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 269–276 [https://doi.org/10.1007/978-3-030-68201-9\\_28](https://doi.org/10.1007/978-3-030-68201-9_28) [https://acris.aalto.fi/ws/portalfiles/portal/86345674/ENG\\_Ainamo\\_et\\_al\\_University\\_ecosystem\\_for\\_student\\_startups\\_ICL2020.pdf](https://acris.aalto.fi/ws/portalfiles/portal/86345674/ENG_Ainamo_et_al_University_ecosystem_for_student_startups_ICL2020.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Unraveling the social-technical complexity of dashboards for transformation**

**Lemke, Florian; Janssen, Marijn; 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. 21-34 [https://doi.org/10.1007/978-3-031-04238-6\\_3](https://doi.org/10.1007/978-3-031-04238-6_3) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Unsatisfiability of comparison-based non-malleability for commitments**

**Firsov, Denis; Laur, Sven; Zhuchko, Ekaterina** Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 188–194 [https://doi.org/10.1007/978-3-031-17715-6\\_13](https://doi.org/10.1007/978-3-031-17715-6_13) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Urban Shaderade. Building space analysis method for energy and sunlight consideration in urban environments**

**De Luca, Francesco; Sepulveda Luque, Abel** Computer-Aided Architectural Design. INTERCONNECTIONS: Co-computing Beyond Boundaries. CAAD Futures 2023 : 20th International Conference, Delft, The Netherlands, July 5–7, 2023 : Selected Papers 2023 / p. 317-332 [https://doi.org/10.1007/978-3-031-37189-9\\_21](https://doi.org/10.1007/978-3-031-37189-9_21) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Usages of the ContSys Standard : a position paper**

**Kankainen, Kristian Juha Ismo** 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. 314–324 [https://doi.org/10.1007/978-3-030-87657-9\\_24](https://doi.org/10.1007/978-3-030-87657-9_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Use of hydrogen and AI as an opportunities to increase energy autarky and create business more sustainable**

Krzos, G.; Piwoni-Krzeszowska, E.; Kowalski, J.; **Prause, Gunnar Klaus** Procedia computer science 2023 / p. 3276-3285 <https://doi.org/10.1016/j.procs.2023.10.321> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **User interactions in Virtual Data Explorer**

**Kullman, Kaur; Engel, Don** Augmented Cognition : 16th International Conference, AC 2022, Held as Part of the 24th HCI International Conference, HCII 2022. Virtual Event, June 26 - July 1, 2022, proceedings 2022 / p. 333-347 [https://doi.org/10.1007/978-3-031-05457-0\\_26](https://doi.org/10.1007/978-3-031-05457-0_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Using competency mapping for skills assessment in an introductory cybersecurity course**

**Mäses, Sten; Maennel, Olaf Manuel; Sütterlin, Stefan** Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 2 2021 / p. 572-583 [https://doi.org/10.1007/978-3-030-68201-9\\_56](https://doi.org/10.1007/978-3-030-68201-9_56) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Using games to understand and create randomness**

**Henno, Jaak; Jaakkola, Hannu; Mäkeläinen, Jukka** Proceedings of the SQAMIA 2018: 7th Workshop of Software Quality, Analysis, Monitoring, Improvement, and Applications, Novi Sad, Serbia, 27-30. August 2018 2018 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85054376554&origin=inward&txGid=738e163a0c73e3a2a124039455cafce7> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Using machine learning for automated assessment of misclassification of goods for fraud detection**

**Spitšakova, Margarita; Haav, Hele-Mai** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 144-158 [https://doi.org/10.1007/978-3-030-57672-1\\_12](https://doi.org/10.1007/978-3-030-57672-1_12) [Conference proceeding at Scopus](#) [Article at Scopus](#)

#### **Using mandatory concepts for knowledge discovery and data structuring**

Elloumi, Samir; **Ben Yahia, Sadok**; Al Ja'am, Jihad Database and Expert Systems Applications : 30th International Conference, DEXA 2019, Linz, Austria, August 26–29, 2019, Proceedings, Part II 2019 / p. 362 - 375 [https://doi.org/10.1007/978-3-030-27618-8\\_27](https://doi.org/10.1007/978-3-030-27618-8_27) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

#### **Using market basket analysis to find semantic duplicates in ontology**

**Astrova, Irina; Koschel, Arne; Lee, Su Ling** Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 197-211 [https://doi.org/10.1007/978-3-030-58811-3\\_14](https://doi.org/10.1007/978-3-030-58811-3_14) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

#### **Using MedBloT dataset to build effective machine learning-based IoT botnet detection systems**

**Guerra Manzanares, Alejandro; Medina-Galindo, Jorge; Bahsi, Hayretidin; Nömm, Sven** Information Systems Security and Privacy : 6th International Conference, ICISP 2020, Valletta, Malta, February 25–27, 2020 : revised selected papers 2022 / p. 222–243 [https://doi.org/10.1007/978-3-030-94900-6\\_11](https://doi.org/10.1007/978-3-030-94900-6_11) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Using SNOMED CT as a semantic model for controlled natural language guided capture of clinical data**

**Kankainen, Kristian Juha Ismo; 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 / 13 p. [https://ceur-ws.org/Vol-3264/HEDA22\\_paper\\_9.pdf](https://ceur-ws.org/Vol-3264/HEDA22_paper_9.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Using the e-learning gamification tool Kahoot! to learn chemistry principles in the classroom**

Al Ghawail, Entisar Alhadi; **Ben Yahia, Sadok** Procedia computer science 2022 / p. 2667 - 2676 <https://doi.org/10.1016/j.procs.2022.09.325> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### Using the Estonian electronic identity card for authentication to a machine

**Morgan, Danielle;** Parsovs, Arnis Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8-10, 2017 : proceedings 2017 / p. 175-191 : ill [https://doi.org/10.1007/978-3-319-70290-2\\_11](https://doi.org/10.1007/978-3-319-70290-2_11) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### The utilization of public-private partnership frameworks in the management of eID projects

**Mander, Stina; Lips, Silvia; Draheim, Dirk** Electronic Government and the Information Systems Perspective, 12th International Conference, EGOVIS 2023, Penang, Malaysia, August 28-30, 2023, Proceedings 2023 / p. 17-32 [https://doi.org/10.1007/978-3-031-39841-4\\_2](https://doi.org/10.1007/978-3-031-39841-4_2) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### Variable self-efficacy as a measurement for behaviors in cyber security operations

Lugo, Ricardo Gregorio; Knox, Benjamin James; Josok, Oyvind; **Sütterlin, Stefan** Augmented Cognition. Human Cognition and Behavior : 14th International Conference, AC 2020, Held as Part of the 22nd HCI International Conference, HCI 2020, Copenhagen, Denmark, July 19-24, 2020 : proceedings, Part II 2020 / p. 395-404 [https://doi.org/10.1007/978-3-030-50439-7\\_27](https://doi.org/10.1007/978-3-030-50439-7_27) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### A variety theorem for relational universal algebra

**Nester, Chad Mitchell** Relational and Algebraic Methods in Computer Science : 19th International Conference, RAMiCS 2021, Marseille, France, November 2-5, 2021 : proceedings 2021 / p. 362-377 [https://doi.org/10.1007/978-3-030-88701-8\\_22](https://doi.org/10.1007/978-3-030-88701-8_22) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### Waste reduction: experiments in sharing clauses between runs of a portfolio of strategies (experimental paper)

**Tammet, Tanel** Proceedings of 25th Conference on Logic for Programming, Artificial Intelligence and Reasoning, LPAR 2024 2024 / p. 106-115 : ill <https://easychair.org/publications/paper/wbJ2> <https://doi.org/10.29007/fs4b> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### Waveform variation defined model for harmonic current emissions including cross-order supply voltage harmonics influence

**Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek; Parker, Martin** IEEE Access 2023 / p. 42276-42289 : ill <https://doi.org/10.1109/ACCESS.2023.3270805> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### A Weakening of Alpha graphs : quasi-Boolean algebras

**Pietarinen, Ahti-Veikko;** Ma, Minghui Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18-22, 2018 : proceedings 2018 / p. 549-564 [https://doi.org/10.1007/978-3-319-91376-6\\_50](https://doi.org/10.1007/978-3-319-91376-6_50) [Conference Proceedings at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### Venn diagrams with “Most”: a natural logic approach

Liu, Xinwen; **Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28-30, 2021 : proceedings 2021 / p. 264-268 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_27](https://doi.org/10.1007/978-3-030-86062-2_27) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### Verifiability experiences in government online voting systems

Puiggali, Jordi; Cucurull, Jordi; Guasch, Sandra; **Krimmer, Robert Johannes** Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 248-263 : ill [https://doi.org/10.1007/978-3-319-68687-5\\_15](https://doi.org/10.1007/978-3-319-68687-5_15) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### What Are Rules for? A Carroll-Peirce Comparison

**Moktefi, Amirouche;** Bhattacharjee, Reetu Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28-30, 2021 : proceedings 2021 / p. 251-254 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_24](https://doi.org/10.1007/978-3-030-86062-2_24) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### When is a container a comonad?

Ahman, Danel; **Chapman, James; Uustalu, Tarmo** Logical methods in computer science 2014 / p. 1-48 : ill [https://doi.org/10.2168/LMCS-10\(3:14\)2014](https://doi.org/10.2168/LMCS-10(3:14)2014) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Why information systems modelling is difficult

Jaakkola, Hannu; **Henno, Jaak;** Welzer-Družovec, Tatjana; Thalheim, Bernhard; Mäkelä, Jukka Proceedings of the Fifth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2016 : Budapest, Hungary, August 29-31, 2016 2016 / p. 29-39 : ill <http://ceur-ws.org/Vol-1677/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### Why not to trust big data : discussing statistical paradoxes

**Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab;** Vidyarthi, Ankit; Tiwari, Prayag; **Draheim, Dirk** Database Systems for Advanced Applications : DASFAA 2022, International Workshops BDMS, BDQM, GDMA, IWB, MATQTD, and PMBD, Virtual Event, April 11-14, 2022 : proceedings 2022 / p. 50-63 : ill [https://doi.org/10.1007/978-3-031-11217-1\\_4](https://doi.org/10.1007/978-3-031-11217-1_4) [Conference](#)

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

#### **Viability of zero-shot classification and search of historical photos**

**Maksimova, Erika; Meimer, Mari-Anna; Piirsalu, Mari; Järv, Priit** CHR 2024 : Proceedings of the Computational Humanities Research Conference 2024, Aarhus, Denmark, December 4-6, 2024 2024 / p. 1242-1258 : ill <https://ceur-ws.org/Vol-3834/paper20.pdf>  
[Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Virtual reality meets intelligence in large scale architecture**

**Köse, Ahmet; Petlenkov, Eduard; Tepļakov, Aleksei; Vassiljeva, Kristina** Augmented Reality, Virtual Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12-15, 2017 : proceedings. Part II 2017 / p. 297-309 : ill [https://doi.org/10.1007/978-3-319-60928-7\\_26](https://doi.org/10.1007/978-3-319-60928-7_26) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Virtual reality visualization for photogrammetric 3d reconstructions of cultural heritage**

**Herrmann, Heiko; Pastorelli, Emiliano** Augmented and Virtual Reality First International Conference, AVR 2014, Lecce, Italy, September 17–20, 2014 : Revised Selected Papers 2014 / p. 283-295 : ill [https://doi.org/10.1007/978-3-319-13969-2\\_21](https://doi.org/10.1007/978-3-319-13969-2_21) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

#### **Voting in e-participation : a set of requirements to support accountability and trust by electoral committees**

**Parycek, Peter; Sachs, Michael; Virkar, Shefali; Krimmer, Robert Johannes** Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 42-56 [https://doi.org/10.1007/978-3-319-68687-5\\_3](https://doi.org/10.1007/978-3-319-68687-5_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Vulnerability of state-provided electronic identification : the case of ROCA in Estonia**

**Valtna-Dvorak, Astrid; Lips, Silvia; Tsap, Valentyna; Ottis, Rain; Priisalu, Jaan; Draheim, Dirk** Electronic Government and the Information Systems Perspective : 10th International Conference, EGOVIS 2021, Virtual Event, September 27–30, 2021 : proceedings 2021 / p. 73–85 [https://doi.org/10.1007/978-3-030-86611-2\\_6](https://doi.org/10.1007/978-3-030-86611-2_6) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Yet another canonical nondeterministic automaton**

**Maarand, Hendrik; Tamm, Hellis** Descriptive Complexity of Formal Systems : 24th IFIP WG 1.02 International Conference, DCFS 2022, Debrecen, Hungary, August 29-31, 2022, proceedings 2022 / p. 184-196 : ill [https://doi.org/10.1007/978-3-031-13257-5\\_14](https://doi.org/10.1007/978-3-031-13257-5_14)  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Yet another canonical nondeterministic automaton**

**Maarand, Hendrik; Tamm, Hellis** Theoretical computer science 2024 / art. 114581, 15 p. : ill <https://doi.org/10.1016/j.tcs.2024.114581>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Применение стохастической теории обучения и корпусных технологий в компьютерной лингводидактике**

**Nõmm, Voldemar; Piotrowska, Xenia; Nõmm, Sven** PR\_LEAL 2017 : R. Piotrowski's Readings in Language Engineering and Applied Linguistics : proceedings 2018 / c. 166–176 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062462827&partnerID=40&md5=57c32238e7d7ad51adecf09a65b8e102> <http://ceur-ws.org/Vol-2233/> [Conference proceedings at Scopus](#) [Article at Scopus](#)