

### **Abstract categorical semantics for resourceful functional reactive programming**

**Jeltsch, Wolfgang** Journal of logical and algebraic methods in programming 2016 / p. 1177-1200 : ill

<https://doi.org/10.1016/j.jlamp.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Achieving of Magnus effect with Agros Suite**

**Lukin, Aleksandr; Demidova, Galina; Rassölkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 131-137 : ill <https://doi.org/10.3311/PPee.17743> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

### **Adaptability, interpretability and rule weights in fuzzy rule-based systems**

**Riid, Andri; Rüstern, Ennu** Information sciences 2014 / p. 301-312 : ill <https://doi.org/10.1016/j.ins.2012.12.048> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Addressing scalability issues in semantics-driven recommender systems**

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

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

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

### **Analysis of keyword spotting performance across IARPA Babel languages**

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

### **Anomaly detection, classification and identification Tool (ADCIT)**

**Asefi, Sajjad; Mitrovic, Mile; Cetenovic, Dragan; Levi, Victor; Gryazina, Elena; Terzija, Vladimir** Software impacts 2023 / art. 100465, 3 p. : ill <https://doi.org/10.1016/j.simpa.2023.100465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

### **Audiovisual emotion recognition in wild**

**Avots, Egils; Sapinski, Tomasz; Bachmann, Maie; Kaminska, Dorota** Machine Vision and Applications 2019 / p. 975-985 : ill <https://doi.org/10.1007/s00138-018-0960-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Augmented reality based on Apollo lunar imagery : searching for stars and adding virtual objects**

**Pustönski, Vladislav-Veniamin** Presence : virtual and augmented reality 2022 / p. 203-227 [https://doi.org/10.1162/pres\\_a\\_00393](https://doi.org/10.1162/pres_a_00393) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Automated design error debug using high-level decision diagrams and mutation operators**

**Raik, Jaan; Repinski, Urmaz; Tšepurov, Anton; Hantson, Hanno; Ubar, Raimund-Johannes; Jenihhin, Maksim** Microprocessors and microsystems 2013 / p. 505-513 : ill <https://doi.org/10.1016/j.micpro.2012.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Automated design error localization in RTL designs**

**Jenihhin, Maksim; Tšepurov, Anton; Tihhomirov, Valentin; Raik, Jaan; Hantson, Hanno; Ubar, Raimund-Johannes; Bartsch, Günter; Meza Escobar, Jorge Hernan; Wuttke, Heinz-Dietrich** IEEE design & test of computers 2014 / p. 83-92 : ill <https://doi.org/10.1109/MDAT.2013.2271420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An automated method for mining high-quality assertion sets**

**Heidari Iman, Mohammad Reza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara** Microprocessors and

microsystems 2023 / art. 104773 <https://doi.org/10.1016/j.micpro.2023.104773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Automatic calibration toolbox for SWMM5**

**Vassiljev, Anatoli; Suits, Kristjan; Kaur, Katrin; Kändler, Nils; Truu, Murel; Annus, Ivar** Advances in engineering software 2023 / art. 103528 <https://doi.org/10.1016/j.advengsoft.2023.103528> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Backstepping-based output feedback boundary control for coupled fractional reaction-diffusion systems**

Zhuang, Bo; Cui, Bao-Tong; Lou, Xu-Yang; **Chen, Juan** Zidonghua Xuebao/Acta Automatica Sinica 2022 / p. 2729 - 2743 <https://doi.org/10.16383/j.aas.c190389> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Bicategories of automata, automata in bicategories**

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

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

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

#### **Boolean automata and atoms of regular languages**

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

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

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

#### **Building global societies on collective intelligence : challenges and opportunities**

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

#### **A cache-based approach toward improved scheduling in fog computing**

Khan, Osama Amir; Malik, Saif Ur Rehman; Baig, Faizan M.; Islam, Saif Ul; Pervaiz, Haris; **Malik, Hassan**; Ahmed, Syed Hassan Software - Practice and Experience 2021 / p. 2360 - 2372 <https://doi.org/10.1002/spe.2824> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Calculation of probabilistic testability measures for digital circuits with Structurally Synthesized BDDs**

**Jürimägi, Lembit; Ubar, Raimund-Johannes; Jenihhin, Maksim; Raik, Jaan** Microprocessors and microsystems 2020 / art. 103117, 12 p <https://doi.org/10.1016/j.micpro.2020.103117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Canonical gradings of monads**

Breuvert, Flavien; McDermott, Dylan; **Uustalu, Tarmo** Proceedings of the 5th Annual International Applied Category Theory Conference (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 1-21 <https://doi.org/10.4204/eptcs.380.1> [https://msp.cis.strath.ac.uk/act2022/papers/ACT2022\\_paper\\_4328.pdf](https://msp.cis.strath.ac.uk/act2022/papers/ACT2022_paper_4328.pdf) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **A Categorical semantics for bounded Petri Nets**

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

#### **Categorical semantics for functional reactive programming with temporal recursion and corecursion**

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

#### **A categorical semantics for hierarchical Petri Nets**

Genovese, Fabrizio; Herold, Jelle; **Loregian, Fosco**; Palombi, Daniele Proceedings Twelfth International Workshop on Graph Computational Models, Online, 22nd June 2021 2021 / p. 51-68 <https://doi.org/10.48550/arXiv.2102.00096> [Conference Proceedings at Scopus](#)

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

### **Certified normalization of generalized traces**

**Maarand, Hendrik; Uustalu, Tarmo** Innovations in Systems and Software Engineering 2019 / p. 253–265

<https://doi.org/10.1007/s11334-019-00347-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Citizen-oriented digital transformation in the public sector**

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

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

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

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

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

### **Coherence for skew-monoidal categories**

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

### **Coinductive big-step semantics for concurrency**

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

### **Collages of string diagrams**

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

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

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

### **Commercial property tokenizing with smart contracts**

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

### **CommunityCare : tackling mental health issues with the help of community**

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

### **Comparing security levels of postal and Internet voting**

Vakarjuk, Jelizaveta; **Snetkov, Nikita; Willemson, Jan** Information Security Journal 2024

<https://doi.org/10.1080/19393555.2024.2410332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Completeness for categories of generalized automata**

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

### **Compositional modelling of network games**

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

### **Computational intelligence approach for estimation of vehicle insurance risk level**

**Vassiljeva, Kristina; Tepļakov, Aleksei; Petlenkov, Eduard**; Netšajev, Eduard 2017 International Joint Conference on Neural Networks (IJCNN 2017) : Anchorage, Alaska, USA, 14-19 May 2017 2017 / p. 4073–4078 : ill

<https://doi.org/10.1109/ICNN.2017.7966370> Conference proceedings at Scopus Article at Scopus Article at WOS

### **Conceptual challenges of researching Artificial Intelligence in public administrations**

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

### **Conflict-resolution lifecycles for governed decentralized autonomous organization collaboration**

**Norta, Alexander; Othman, Anis Ben; Taveter, Kuldar** EGOSE '15 : proceedings of the 2015 2nd International Conference on Electronic Governance and Open Society : Challenges in Eurasia : November 24-25, 2015, St.Petersburg, Russian Federation 2015 / p. 244-257 : ill <https://doi.org/10.1145/2846012.2846052> Conference proceedings at Scopus Article at Scopus

### **Constructive final semantics of finite bags**

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

### **Contrastive Learning for Lane Detection via cross-similarity**

**Zoljodi, Ali; Abadijoui, Sadegh; Alibeigi, Mina; Daneshtalab, Masoud** Pattern Recognition Letters 2024 / p. 175-183 : ill <https://doi.org/10.1016/j.patrec.2024.08.007> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

### **A coordinated strategy for multi-machine power system stability**

**Ghasemi-Marzbali, Ali; Ahmadihangar, Roya** Applied Soft Computing 2021 / art. 07742, 16 p. : ill <https://doi.org/10.1016/j.asoc.2021.107742> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Cornering optics**

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

### **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

### **Cross-border e-government services in Europe: expected benefits, barriers and drivers of the once-only principle**

**Kalvet, Tarmo; Toots, Maarja; Veenstra, Anne Fleur van; Krimmer, Robert Johannes** ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 59-68 <https://doi.org/10.1145/3209415.3209458> Conference proceedings at Scopus Article at Scopus Article at WOS

### **The cyber-insurance market in Norway**

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

### **DASS: Differentiable architecture search for sparse neural networks**

**Mousavi, Hamid; Loni, Mohammad; Alibeigi, Mina; Daneshtalab, Masoud** ACM transactions on embedded computing systems 2023 / art. 105, 21 p. : ill <https://doi.org/10.1145/3609385> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Data fusion for ITS : a systematic literature review**

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

### **Data structures for topologically sound higher-dimensional diagram rewriting**

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

### **Deadlock-free generic routing algorithms for 3-dimensional Networks-on-Chip with reduced vertical link density topologies**

**Ying, Haoyuan; Jaiswal, Ashok; Hollstein, Thomas**; Hofmann, Klaus Journal of systems architecture 2013 / p. 528-542 : ill <https://doi.org/10.1016/j.sysarc.2013.03.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Decomposing comonad morphisms**

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

### **Deductive systems and coherence for skew prounital closed categories**

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

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

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

### **Degrading lists**

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

### **Depth control of the biomimetic U-CAT turtle-like AUV with experiments in real operating conditions**

Chemori, Ahmed; **Kuusmik, Keijo; Salumäe, Taavi; Kruusmaa, Maarja** 2016 IEEE International Conference on Robotics and Automation : Stockholm, Sweden, May 16th-21st 2016 / p. 4750-4755 : ill <https://doi.org/10.1109/ICRA.2016.7487677> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Design and verification of Cyber-Physical Systems using TrueTime, evolutionary optimization and UPPAAL**

Balasubramanian, Sreeram; Srinivasan, Seshadhri; Buonopane, Furio; Balasubramanian, Subathra; **Vain, Jüri;** Ramaswamy, Srinu Microprocessors and microsystems 2016 / p. 37-48 : ill <https://doi.org/10.1016/j.micpro.2015.12.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design concept and microarchitecture of network-on-chip with best-effort and guaranteed-throughput services**

Samman, Faizal; **Hollstein, Thomas** International journal of innovative computing, information and control 2019 / p. 305-319 : ill <https://doi.org/10.24507/ijicic.15.01.305> <http://www.ijicic.net/> <http://www.ijicic.net/servlet/Download?contentID=CONT5b67c7cbc23142feade914ceeabdbf4d> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design of Cyber Bio-analytical Physical Systems : formal methods, architectures, and multi-system interaction strategies**

**Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas** Microprocessors and microsystems 2023 / art. 104780, 14 p. : ill <https://doi.org/10.1016/j.micpro.2023.104780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Design optimization of permanent magnet clutch with Ārtap framework**

**Andriushchenko, Ekaterina;** Kaska, Jan; **Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas; Rassõlkin, Anton** Periodica polytechnica electrical engineering and computer science 2021 / p. 106-112 <https://doi.org/10.3311/PPee.17007> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Design space exploration in multi-level computing systems**

Sklyarov, Valery; Skliarova, Iuliia; Silva, João; **Sudnitsõn, Aleksander** CompSysTech'14 : 15th International Conference on Computer Systems and Technologies : Ruse, Bulgaria, June 27-28, 2014 2014 / p. 40-47 : ill <https://doi.org/10.1145/2659532.2659616> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Designing a collaborative construction-project platform on blockchain technology for transparency, traceability, and information symmetry**

**Udokwu, Chibuzor; Norta, Alexander;** Wenna, Christoph ASSE'21 : 2021 2nd Asia Service Sciences and Software Engineering Conference, Macau, Macao, February 24-26, 2021 2021 / 13 p. : ill <https://doi.org/10.1145/3456126.3456134> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Designing a crisis management mobile application solution in Nigeria**

**Lips, Silvia; Amola, Oladele; Draheim, Dirk** The 23rd International Conference on Information Integration and Web Intelligence, Linz, Austria, November 29 - December 01 2021 : virtual 2021 / p. 571-579 <https://doi.org/10.1145/3487664.3487807> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks**

Gupta, Anindya; Saar, Tõnis; **Märtens, Olev; Le Moullec, Yannick;** Sintorn, Ida-Maria International Journal of Imaging Systems and Technology 2019 / p. 327-339 : ill <https://doi.org/10.1002/ima.22373> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of a cognitive robotic system for simple surgical tasks**

Muradore, Riccardo; Fiorini, Paolo; **Li, Lin**; **Kruusmaa, Maarja**; **Ristolainen, Asko** International journal of advanced robotic systems 2015 / p. 1-20 : ill <https://doi.org/10.5772/60137> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of a wireless communication network for monitoring and controlling of autonomous robots**

**Vu, Trieu Minh**; **Tamre, Mart**; Musalimov, Victor; Kovalenko, Pavel; Monahov, Juri International journal of robotics and automation 2018 / 16 p <https://doi.org/10.2316/Journal.206.2018.3.206-4759> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Diagrammatic algebra of first order logic**

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

### **Diagrammatic polyhedral algebra**

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

### **Differential 2-rigs**

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

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

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

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

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

### **Digitising a small island state : a lesson in Faroese**

**Meyerhoff Nielsen, Morten** ICEGOV '15-16 : proceedings of the 9th International Conference on Theory and Practice of Electronic Governance : Montevideo, Uruguay, March 1-3, 2016 2016 / p. 54-59 <https://doi.org/10.1145/2910019.2910042> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A direct version of Veldman's proof of open induction on cantor space via delimited control operators**

**Ilik, Danko**; **Nakata, Keiko** 19th International Conference on Types for Proofs and Programs : TYPES 2013, April 22-26, 2013, Toulouse, France 2014 / p. 188-201 <https://doi.org/10.4230/LIPIcs.TYPES.2013.188> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Directed containers as categories**

Ahman, Danel; **Uustalu, Tarmo** Proceedings 6th Workshop on Mathematically Structured Functional Programming (MSFP 2016) : Eindhoven, The Netherlands, 8 April 2016 2016 / p. 89-98 <https://doi.org/10.4204/eptcs.207.5> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Distributed largest eigenvalue detection**

**Ainomäe, Ahti**; **Trump, Tõnu**; Bengtsson, Mats 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 3519-3523 : ill <https://doi.org/10.1109/ICASSP.2017.7952811> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A divertimento on MonadPlus and nondeterminism**

**Uustalu, Tarmo** Journal of logical and algebraic methods in programming 2016 / p. 1086-1094 : ill <https://doi.org/10.1016/j.jlamp.2016.06.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Drivers and barriers for the development of smart sustainable cities : a systematic literature review**

**Schuch de Azambuja, Luiza** ICEGOV '21: Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance 2021 / p. 422 - 428 <https://doi.org/10.1145/3494193.3494250> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Duality of lattices associated to left and right quotients**

Bell, Jason; Smertrig, Daniel; **Tamm, Hellis** 16th International Conference on Automata and Formal Languages, AFL 2023, Eger, 5

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

**Ounoughi, Chahinez;** Ounoughi, Doua; **Ben Yahia, Sadok** Knowledge and information systems 2023 / p. 5309–5329

<https://doi.org/10.1007/s10115-023-01938-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**E-court system evaluation through the user's perspective : applying the end-user computing satisfaction (EUCS) model**

**Ahmed, Rozha Kamal;** Ahmed, Omer; Pappel, Ingrid; **Draheim, Dirk** 23rd Annual International Conference on Digital Government Research (DGO2022) : Intelligent Technologies, Governments and Citizens, June 15-17, 2022 : proceedings 2022 / p. 293-299

<https://doi.org/10.1145/3543434.3543560> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

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

**Effective scalable IEEE 1687 instrumentation network for fault management**

**Jutman, Artur;** **Shibin, Konstantin;** **Devadze, Sergei** IEEE design & test 2013 / p. 26-35 : ill

<https://doi.org/10.1109/MDAT.2013.2278535> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**E-governance and integration in the European union**

**Ramiro Troitino, David;** **Mazur, Viktoria;** **Kerikmäe, Tanel** Internet of Things 2024 / art. 101321

<https://doi.org/10.1016/j.iot.2024.101321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**E-governance and the European Union : agenda for implementation**

**Ramiro Troitino, David** Internet of Things 2024 / art. 101352 <https://doi.org/10.1016/j.iot.2024.101352> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**eID public acceptance in Estonia : towards understanding the citizen**

**Tsap, Valentyna;** **Lips, Silvia;** **Draheim, Dirk** The Proceedings of the 21st Annual International Conference on Digital Government Research (DGO2020), Intelligent Government in the Intelligent Information Society : June 15-19, 2020, Seoul, Republic of Korea 2020 / p. 340–341 <https://doi.org/10.1145/3396956.3397009> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Enabling sensemaking and trust in communities : an organizational perspective**

**Arakkal Peious, Sijo;** **Suran, Shweta;** **Pattanaik, Vishwajeet;** **Draheim, Dirk** iiWAS2021: The 23rd International Conference on Information Integration and Web Intelligence : November 29-December 1, 2021, Linz, Austria : proceedings 2021 / p. 95-103 : ill

<https://doi.org/10.1145/3487664.3487678> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Enabling social information exchange via dynamically robust annotations**

**Pattanaik, Vishwajeet;** **Suran, Shweta;** **Draheim, Dirk** iiWAS2019 : Proceedings of the 21st International Conference on Information Integration and Web-based Applications & Services : December 2–4, 2019, Munich, Germany 2019 / p. 176–184 : ill

<https://doi.org/10.1145/3366030.3366060> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Enhancing OSGi with asynchronous messaging**

**Astrova, Irina;** Schaaf, Marc; Koschel, Arne; Ahlers, Volker JTRES '16 : proceedings of the 14th International Workshop on Java Technologies for Real-Time and Embedded Systems : Lugano, Switzerland, August 29 - September 02, 2016 2016 / [10] p. : ill

<https://doi.org/10.1145/2990509.2990513> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

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

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

**E-Residency as a nation branding case**

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

[Article at WOS](#)

**Error messages in relational database management systems : a comparison of effectiveness, usefulness, and user confidence**

Taipalus, Toni; Grahm, Hilka; **Ghanbari, Hadi** Journal of systems and software 2021 / art. 111034, 15 p.: ill

<https://doi.org/10.1016/j.jss.2021.111034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estimating sparse signals using integrated wide-band dictionaries**

**Butsenko, Maksim;** Swärd, Johan; Jakobsson, Andreas 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 4426-4430 : ill

<https://doi.org/10.1109/ICASSP.2017.7952993> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estimation of real-time demands on the basis of pressure measurements by different optimization methods**

**Vassiljev, Anatoli; Koppel, Tiit** Advances in engineering software 2015 / p. 67-71 : ill <https://doi.org/10.1016/j.advengsoft.2014.09.023>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estimation of real-time water fluxes in water distribution system on the basis of pressure measurements**

**Koppel, Tiit; Vassiljev, Anatoli** Advances in engineering software 2013 / p. 19-23 : ill <https://doi.org/10.1016/j.advengsoft.2012.11.012>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**European Values, artificial intelligence and e-governance in Estonia and EU**

**Salumaa-Lepik, Kärt**; Nisu, Nele Internet of Things 2024 / art. 101278 <https://doi.org/10.1016/j.iot.2024.101278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluating cybersecurity-related competences through serious games**

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

**Evaluating the impact of artificial intelligence technologies in public services : towards an assessment framework**

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

**Evaluation of approaches for designing and developing decentralized applications on blockchain**

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

**Evidential decision theory via partial Markov categories**

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

**Evolving process views**

Eshuis, Rik; **Norta, Alexander**; Roulaux, Raoul Information and software technology 2016 / p. 20-35 : ill  
<https://doi.org/10.1016/j.infsof.2016.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Exploring and demonstrating the once-only principle : a European perspective**

**Krimmer, Robert Johannes; Kalvet, Tarmo; Toots, Maarja; Cepilovs, Aleksandrs**; Tambouris, Efthimios dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 546-551 : ill <https://doi.org/10.1145/3085228.3085235> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Extended reality technologies in small and medium-sized European industrial companies : level of awareness, diffusion and enablers of adoption**

Jalo, Henri; Pirkkalainen, Henri; Torro, Osku; Pessot, Elena; Zangiacomi, Andrea; **Tepljakov, Aleksei** Virtual Reality 2022 / p. 1745 - 1761 <https://doi.org/10.1007/s10055-022-00662-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Facilitating cross-sectoral digital product development**

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

**FastStereoNet : A fast neural architecture search for improving the inference of disparity estimation on resource-limited platforms**

Loni, Mohammad; Zoljodi, Ali; Majd, Amin; Ahn, Byung Hoon; **Daneshtalab, Masoud**; Sjödin, Mikael; Esmaeilzadeh, Hadi IEEE Transactions on Systems, Man, and Cybernetics : Systems 2022 / p. 5222-5234 : ill <https://doi.org/10.1109/TSMC.2021.3123136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Fibration linguistics (FibLang) : language acquisition**

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

#### **FINEST Twins : platform for cross-border smart city solutions**

**Soe, Ralf-Martin** dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 352-357 : ill <https://doi.org/10.1145/3085228.3085287> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Finiteness and rational sequences, constructively**

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

#### **A flexible enhanced throughput and reduced overhead (FETRO) MAC protocol for ETSI SmartBAN**

**Khan, Rida; Alam, Muhammad Mahtab**; Guizani, Mohsen IEEE Transactions on Mobile Computing 2022 / p. 2671-2686 : ill <https://doi.org/10.1109/TMC.2020.3047596> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Flexible presentations of graded monads**

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

#### **Flow aided path following of an underwater robot**

**Jung, David S.**; Pott, Peter P.; Salumäe, Taavi; **Kruusmaa, Maarja** 2013 IEEE International Conference on Robotics and Automation (ICRA) : Karlsruhe, Germany, May 6-10, 2013 2013 / p. 4602-4607 : ill <https://doi.org/10.1109/ICRA.2013.6631231> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Flow feature extraction for underwater robot localization : preliminary results**

**Muhammad, Naveed**; Strokina, Nataliya; **Toming, Gert; Tuhtan, Jeffrey Andrew**; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** 2015 IEEE International Conference on Robotics and Automation (ICRA) : Washington State Convention Center, Seattle, Washington, May 26-30, 2015 2015 / p. 1125-1130 : ill <https://doi.org/10.1109/ICRA.2015.7139317> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Foreword**

**Uustalu, Tarmo** ICFP'13 : proceedings of the 2013 ACM SIGPLAN International Conference on Functional Programming 2013 / p. iii [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Formalizing CCS and $\pi$ -calculus in Guarded Cubical Agda**

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

#### **A framework for comprehensive impact assessment in the case of an extreme winter scenario, considering integrative aspects of systemic vulnerability and resilience**

Molarius, Riitta; Tuomaala, Pekka; Piira, Kalevi; Räikkönen, Minna; Aubrecht, Christoph; Polese, Maria; Zuccaro, Giulio; Pilli-Sihvola, Karoliina; **Rannat, Kalev** CMES - Computer Modeling in Engineering and Sciences 2015 / p. 131 - 158 <https://www.techscience.com/CMES/v109-110n2/27295> <https://doi.org/10.3970/cmcs.2015.109.131> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

#### **From equations to distinctions: Two interpretations of effectful computations**

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

#### **Functional self-test of high-performance pipe-lined signal processing architectures**

**Gorev, Maksim; Ubar, Raimund-Johannes; Ellervee, Peeter; Devadze, Sergei; Raik, Jaan; Min, Mart** Microprocessors and microsystems 2015 / p. 909-918 : ill <https://doi.org/10.1016/j.micpro.2014.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

### **Functorial language games for question answering**

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

### **Functorial semantics for partial theories**

Di Liberti, Ivan; **Loregian, Fosco**; **Nester, Chad Mitchell**; **Sobocinski, Pawel Maria** Proceedings of the ACM on Programming Languages 2021 / art. 57, 28 p. : ill <https://doi.org/10.1145/3434338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Generating representative executions : extended abstract**

**Maarand, Hendrik**; **Uustalu, Tarmo** 10th Workshop on Programming Language Approaches to Concurrency- and Communication-cEntric Software : PLACES 2017 : Uppsala, Sweden, 29 April 2017 2017 / p. 39-48 : ill <https://doi.org/10.4204/EPTCS.246.8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Global intelligent governance a collaborative platform**

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

### **Graphical sequent calculi for modal logics**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Electronic proceedings in theoretical computer science 2017 / p. 91-103 <https://doi.org/10.4204/EPTCS.243.7> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Guest editorial: New boundaries for robotics**

**Kruusmaa, Maarja**; Tan, Xiaobo; Laschi, Cecilia; Fioroni, Paolo; Madhavan, Raj Robotics and autonomous systems 2014 / p. 1-2 <https://doi.org/10.1016/j.robot.2012.12.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Guest editorial: Smart cities 2.0 : how artificial intelligence and internet of things are transforming urban living**

Chai, Zheng-Yi; Shah, Syed Attique; **Draheim, Dirk**; Hameed, Sufian; Rathore, Muhammad Mazhar Ullah IET Smart Cities 2024 / p. 129-131 <https://doi.org/10.1049/smc2.12091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Guest editors' foreword**

**Uustalu, Tarmo**; **Vain, Jüri** Journal of logical and algebraic methods in programming 2016 / p. 1109 <https://doi.org/10.1016/j.jlamp.2016.10.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Gunshot acoustic event identification and shooter localization in a WSN of asynchronous multichannel acoustic ground sensors**

**Astapov, Sergei**; **Berdnikova, Julia**; **Ehala, Johannes**; **Kaugerand, Jaanus**; **Preden, Jürjo-Sören** Multidimensional systems and signal processing 2018 / p. 563-595 : ill <https://doi.org/10.1007/s11045-017-0479-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hardware trojan insertion in finalized layouts : from methodology to a silicon demonstration**

**Perez, Tiago Diadami**; **Pagliarini, Samuel Nascimento** IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems 2023 / p. 2094-2107 <https://doi.org/10.1109/TCAD.2022.3223846> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Health management for self-aware SoCs based on IEEE 1687 infrastructure**

**Shibin, Konstantin**; **Devadze, Sergei**; Jutman, Artur; Grabmann, Martin; Pricken, Robin IEEE Design & Test 2017 / p. 27-35 : ill <https://doi.org/10.1109/MDAT.2017.2750902> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heterogeneous Approximation of DNN HW Accelerators based on Channels Vulnerability**

**Cherezova, Natalia**; Pappalardo, Salvatore; **Taheri, Mahdi**; **Ahmadilivani, Mohammad Hasan**; Deveautour, Bastien; Bosio, Alberto; **Raik, Jaan**; **Jenihhin, Maksim** 2024 IFIP/IEEE 32nd International Conference on Very Large Scale Integration (VLSI-SoC) 2024 / 4 p. : ill <https://doi.org/10.1109/VLSI-SoC62099.2024.10767798> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **High virucidal potential of novel ceramic-metal composites fabricated via hybrid selective laser melting and spark plasma sintering routes**

**Rahmani Ahranjani, Ramin**; Molan, Katja; Brojan, Miha; **Prashanth, Konda Gokuldoss**; Stopar, David The international journal of

advanced manufacturing technology 2022 / p. 975-988 : ill <https://doi.org/10.1007/s00170-022-08878-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Higher-dimensional subdiagram matching**

**Hadzihasanovic, Amar; Kessler, Diana-Maria** 2023 38th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS) : Boston, MA, USA : 26-29 June 2023 2023 / 13 p <https://doi.org/10.1109/LICS56636.2023.10175726> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **High-level axioms for graphical linear algebra**

Paixao, Joao; Rufino, Lucas; **Sobocinski, Pawel Maria** Science of computer programming 2022 / art. 102791 ; 26 p <https://doi.org/10.1016/j.scico.2022.102791> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **High-performance information processing in distributed computing systems**

Sklyarov, Valery; **Rjabov, Artjom**; Skliarova, Ioulia; **Sudnitsõn, Aleksander** International journal of innovative computing, information and control 2016 / p. 139-160 : ill [https://www.researchgate.net/publication/297047447\\_High-performance\\_information\\_processing\\_in\\_distributed\\_computing\\_systems](https://www.researchgate.net/publication/297047447_High-performance_information_processing_in_distributed_computing_systems) [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **High-speed SABER key encapsulation mechanism in 65nm CMOS**

**Imran, Malik; Almeida, Felipe**; Basso, Andrea; Roy, Sujoy Sinha; **Pagliarini, Samuel Nascimento** Journal of cryptographic engineering 2023 / p. 461-471 : ill <https://doi.org/10.1007/s13389-023-00316-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

#### **How does context influence music preferences : a user-based study of the effects of contextual information on users' preferred music**

**Ben Sassi, Imen; Ben Yahia, Sadok** Multimedia Systems 2021 / p. 143-160 <https://doi.org/10.1007/s00530-020-00717-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Hybrid protection of digital FIR filters**

**Aksoy, Levent**; Nguyen, Quang-Linh; **Almeida, Felipe; Raik, Jaan**; Flottes, Marie-Lise; Dupuis, Sophie; **Pagliarini, Samuel Nascimento** IEEE transactions on Very Large Scale Integration (VLSI) Systems 2023 / p. 812-825 : ill <https://doi.org/10.1109/TVLSI.2023.3253641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

#### **Identifying eGovernment success factors: An analysis of selected national governance models and their experiences in digitising service delivery**

**Meyerhoff Nielsen, Morten** EGOSE '14: Proceedings of the 2014 Conference on Electronic Governance and Open Society: Challenges in Eurasia, 18-20 November 2014 : proceedings 2014 / p. 19-25 : ill <https://doi.org/10.1145/2729104.2729111> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Impact of orientation on the bias of SRAM-based PUFs**

**Abideen, Zain Ul; Wang, Rui; Perez, Tiago Diadami**; Schrijen, Geert-Jan; **Pagliarini, Samuel Nascimento** IEEE design & test 2024 / p. 14-20 <https://doi.org/10.1109/MDAT.2023.3322621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Impact pressure on mechanical properties of aluminum based composite by ECAP-parallel channel**

Pramano, Agus; Dhoska, Klodian; Markja, Irida; **Kommel, Lembit** Pollack periodica 2019 / p. 67-74 <https://doi.org/10.1556/606.2019.14.1.7> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Improved PWM-based sinewave generation : example of the impedance measurement**

**Abdullayev, Anar; Annus, Paul; Krivošei, Andrei; Metshein, Margus; Märtens, Olev**; Rist, Marek Automatic control and computer sciences 2023 / p. 449-458 <https://doi.org/10.3103/S0146411623050024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Inductive and coinductive predicate liftings for effectful programs**

**Veltri, Niccolò; Voorneveld, Niels F.W.** Proceedings 37th Conference on Mathematical Foundations of Programming

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

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

### **Interaction laws of monads and comonads**

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

### **Internet of Things network infrastructure for the educational purpose**

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

### **i-tee : a fully automated cyber defense competition for students**

**Ernits, Margus**; Tammekänd, Johannes; **Maennel, Olaf Manuel** SIGCOMM '15 : proceedings of the 2015 ACM Conference on Special Interest Group on Data Communication : August 17-21, 2015, London, United Kingdom 2015 / p. 113-114 : ill <https://doi.org/10.1145/2785956.2790033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Leveraging the first line of defense : a study on the evolution and usage of android security permissions for enhanced android malware detection**

**Guerra Manzanares, Alejandro**; Luckner, Marcin; **Bahsi, Hayretin** Journal of Computer Virology and Hacking Techniques 2022 / 32 p. : ill <https://doi.org/10.1007/s11416-022-00432-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A lightweight anonymous authentication scheme for secure cloud computing services**

Hammami, Hamza; **Ben Yahia, Sadok**; Obaidat, Mohammad S. The Journal of Supercomputing 2021 / p. 1693-1713 <https://doi.org/10.1007/s11227-020-03313-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Literature review on work-based learning**

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

### **LSPR23: A novel IDS dataset from the largest live-fire cybersecurity exercise**

Dijk, Allard; Halisdemir, Emre; Melella, Cosimo; Schu, Alari; **Pihelgas, Mauno**; Meier, Roland Journal of Information Security and Applications 2024 / art. 103847, 14, p. : ill <https://doi.org/10.1016/j.jisa.2024.103847> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **LSTM-CNN : an efficient diagnostic network for Parkinson's disease utilizing dynamic handwriting analysis**

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; Medijainen, Kadri; Toomela, Aaro; **Nömm, Sven**; Ruzhansky, Michael Computer Methods and Programs in Biomedicine 2024 / art. 108066 <https://doi.org/10.1016/j.cmpb.2024.108066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Management of national eID infrastructure as a state-critical asset and public-private partnership : learning from the case of Estonia**

**Lips, Silvia**; Tsap, Valentyna; Bharosa, Nitesh; Krimmer, Robert Johannes; **Tammet, Tanel**; **Draheim, Dirk** Information Systems Frontiers 2023 / p.2439-2456 <https://doi.org/10.1007/s10796-022-10363-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Methods and tools for publishing and reusing linked open statistical data**

Tambouris, Efthimios; Kalampokis, Evangelos; Janssen, Marijn; **Krimmer, Robert Johannes**; Tarabanis, Konstantinos dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in

Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 614-615 : ill <https://doi.org/10.1145/3085228.3085234> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Methods for classifying depression in single channel EEG using linear and nonlinear signal analysis**

**Bachmann, Maie; Päske, Laura; Kalev, Kaia; Aarma, Katrin; Lehtmets, Andres; Ööpik, Pille; Lass, Jaanus; Hinrikus, Hiie**

Computer methods and programs in biomedicine 2018 / p. 11-17 : ill <https://doi.org/10.1016/j.cmpb.2017.11.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Middleware for exchange and validation of context data and information**

**Preden, Jürjo-Sören; Llinas, James; Mõtus, Leo** Context-enhanced information fusion : boosting real-world performance with domain knowledge 2016 / p. 205-230 : ill [https://doi.org/10.1007/978-3-319-28971-7\\_9](https://doi.org/10.1007/978-3-319-28971-7_9) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Modal embeddings and calling paradigms**

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

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

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

#### **Modeling and simulation of circuits with shared structurally synthesized BDDs**

**Ubar, Raimund-Johannes; Jürimägi, Lembit; Raik, Jaan; Viies, Vladimir** Microprocessors and microsystems 2017 / p. 56-61 : ill <https://doi.org/10.1016/j.micpro.2016.09.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Modelling of nitrogen leaching from watersheds with large drained peat areas**

**Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar** Advances in engineering software 2018 / p. 94-100 : ill <https://doi.org/10.1016/j.advengsoft.2018.03.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Monoidal streams for dataflow programming**

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

#### **Monoidal width : capturing rank width**

**Di Lavore, Elena; Sobocinski, Pawel Maria** Proceedings Fifth International Conference on Applied Category Theory : Glasgow, Scotland, 18-22 July 2022 / p. 268-283 : ill <https://doi.org/10.4204/EPTCS.380.16> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Motion control architecture of a 4-fin U-CAT AUV using DOF prioritization**

**Salumäe, Taavi; Chemori, Ahmed; Kruusmaa, Maarja** IROS 2016 : 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems : October 9-14, 2016, Daejeon Convention Center, Daejeon, Korea 2016 / p. 1321-1327 : ill <https://doi.org/10.1109/IROS.2016.7759218> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Network IDS alert classification with active learning techniques**

**Vaarandi, Risto; Guerra-Manzanares, Alejandro** Journal of Information Security and Applications 2024 / art. 103687 <https://doi.org/10.1016/j.jisa.2023.103687> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Network-on-Chip with equality-of-service : a local fair runtime arbitration method for global fair bandwidth share**

Samman, Faizal; **Hollstein, Thomas** International journal of innovative computing, information and control 2019 / p. 1821-1834 <http://www.ijicic.net/servlet/Download?contentID=CONT34590d01977b424ea4f1cdfbb4c8c264> <https://doi.org/10.24507/ijicic.15.05.1821> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **New interpretation and generalization of the Kameda-Weiner method**

**Tamm, Hellis** 43rd International Colloquium on Automata, Languages, and Programming (ICALP 2016) 2016 / p. 116:1-116:12 <http://dx.doi.org/10.4230/LIPIcs.ICALP.2016.116> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **A new low-complexity patch-based image super-resolution**

Rasti, Pejman; Nasrollahi, Kamal; **Orlova, Olga; Tamberg, Gert**; Ozcinar, Cagri; Moeslund, Thomas B.; Anbarjafari, Gholamreza IET computer vision 2017 / p. 567-576 : ill <https://doi.org/10.1049/iet-cvi.2016.0463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Nonlinear orientation controller for a compliant robotic fish based on asymmetric actuation**

**Meurer, Christian; Simha, Ashutosh; Kotta, Ülle; Kruusmaa, Maarja** 2019 International Conference on Robotics and Automation

: ICRA 2019, Palais des Congres de Montreal, Canada, 20-24 May, 2019 / Art. 8793892 ; p. 4688-4694  
<https://doi.org/10.1109/ICRA.2019.8793892> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Normalization by evaluation for the Lambek calculus**

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

### **Normalization by evaluation in the delay monad: A case study for coinduction via copatterns and sized types**

Abel, Andreas; **Chapman, James** Proceedings of the 5th Workshop on Mathematically Structured Functional Programming (MSFP 2014) : Grenoble, France, 12 April 2014 / p. 51-67 <https://doi.org/10.4204/EPTCS.153.4> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

Hammami, Hamza; **Ben Yahia, Sadok**; Obaidat, Mohammad S. The Journal of Supercomputing 2023 / p. 7360 - 7376  
<https://doi.org/10.1007/s11227-022-04944-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Obstructions to compositionality**

Puca, Caterina; **Hadzihasanovic, Amar**; Genovese, Fabrizio; Coecke, Bob 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 / p. 226-245 <https://doi.org/10.4204/EPTCS.397.14> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

**Draheim, Dirk** iiWAS2020 : The 22st International Conference on Information Integration and Web-based Applications & Services, November 30 - December 2, 2020, Chiang Mai, Thailand : [Proceedings] 2020 / p. 3-10 <https://doi.org/10.1145/3428757.3429972> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **On doctrines and Cartesian bicategories**

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

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

**Kosenkov, Oleksandr**; **Pappel, Ingrid**; **Draheim, Dirk** Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019 / p. 492-493 : ill  
<https://doi.org/10.1145/3326365.3326437> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **On stable cones of polynomials via reduced Routh parameters**

**Nurges, Ülo**; **Belikov, Juri**; **Artemtšuk, Igor** Kybernetika 2016 / p. 461-477 <https://doi.org/10.14736/kyb-2016-3-0461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Guerra Manzanares, Alejandro**; **Bahsi, Hayreddin** Future Generation Computer Systems 2023 / p. 40-53 : ill  
<https://doi.org/10.1016/j.future.2022.10.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Once only principle : benefits, barriers and next steps**

Wimmer, Maria A.; Tambouris, Efthimios; **Krimmer, Robert Johannes**; Gil-Garcia, J. Ramon; Chatfield, Akemi Takeoka dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 602-603 : ill <https://doi.org/10.1145/3085228.3085296> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Ontology integration : approaches and challenging issues**

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

### **Open diagrams via Coend calculus**

**Roman Garcia, Mario** Proceedings of the 3rd Annual International Applied Category Theory Conference 2020 2021 / p. 65-78 : ill

<https://doi.org/10.4204/EPTCS.333.5> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Operational semantics with semicommutations**

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

#### **Optics for premonoidal categories**

**Hefford, James; Roman Garcia, Mario** 6th International Conference on Applied Category Theory, ACT 2023, Hybrid, College Park, 31 July 2023 - 4 August 2023 2023 / p. 152-171 : ill <https://doi.org/10.4204/EPTCS.397.10> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Optimal control of automatic manipulator for elimination of galvanic line load oscillation**

Autsou, Siarhei; **Rassõlkin, Anton; Vaimann, Toomas; Demidova, Galina;** Saroka, Viktor; Karpovich, Dzmitry; **Kallaste, Ants** Periodica polytechnica electrical engineering and computer science 2021 / 15 p. : ill <https://doi.org/10.3311/PPee.15893> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Optimization of address-based data sorting unit with external memory support**

**Mihhailov, Dmitri; Rjabov, Artjom;** Sklyarov, Valery; Skliarova, Iuliia; **Sudnitsõn, Aleksander** CompSysTech'13 : proceedings of the 14th International Conference on Computer Systems and Technologies 2013 / p. 83-90 : ill <https://doi.org/10.1145/2516775.2516807> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **Optimization of pump efficiencies with different pumps characteristics working in parallel mode**

Koor, Margus; **Vassiljev, Anatoli; Koppel, Tiit** Advances in engineering software 2016 / p. 69-76 : ill  
<https://doi.org/10.1016/j.advengsoft.2015.10.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Optimized vibro-acoustic design of suspended glass panels**

Aiello, Robert; **Auriemma, Fabio** Structural and multidisciplinary optimization 2018 / p. 2253–2268 : ill <https://doi.org/10.1007/s00158-018-2014-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Orthophoto classification for UGV path planning using heterogeneous computing**

**Hudjakov, Robert; Tamre, Mart** International journal of advanced robotic systems 2013 / [7] p. : ill <https://doi.org/10.5772/56545>  
[https://www.researchgate.net/publication/269785081\\_Orthophoto\\_Classification\\_for\\_UGV\\_Path\\_Planning\\_using\\_Heterogeneous\\_Computing](https://www.researchgate.net/publication/269785081_Orthophoto_Classification_for_UGV_Path_Planning_using_Heterogeneous_Computing) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

#### **Partiality and container monads**

**Uustalu, Tarmo; Veltri, Niccolo** 23rd International Conference on Types for Proofs and Programs, TYPES 2017, Budapest, Hungary, 29 May - 1 June 2017 : abstracts 2017 / p. 99-100 <https://types2017.elte.hu/proc.pdf#page=107> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Physics based compressive sensing to enable digital twins of additive manufacturing processes**

Lu, Yanglong; **Ševtšenko, Eduard;** Wang, Yan Journal of computing and information science in engineering 2021 / 031009, 30 p  
<https://doi.org/10.1115/1.4050377> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Piloting smart city solutions in very small, small and medium-sized municipalities. The Estonian case study**

**Sarv, Lill; Soe, Ralf-Martin** ICEGOV '22 : Proceedings of the 15th International Conference on Theory and Practice of Electronic Governance 2022 / p. 475-482 <https://doi.org/10.1145/3560107.3560179> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Plotkin's call-by-value $\lambda$ -calculus as a modal calculus**

Espírito Santo, José; Pinto, Luis; **Uustalu, Tarmo** Journal of Logical and Algebraic Methods in Programming 2022 / art. 100775, 17 p  
<https://doi.org/10.1016/j.jlamp.2022.100775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Policy and legal environment analysis for e-Government services migration to the public cloud**

**Kotka, Taavi;** Kask, Laura; Raudsepp, Karoliina; Storch, Tyson; Radloff, Rebecca; **Liiv, Innar** ICEGOV '15-16 : proceedings of the 9th International Conference on Theory and Practice of Electronic Governance : Montevideo, Uruguay, March 1-3, 2016 2016 / p. 103-108 : ill <https://doi.org/10.1145/2910019.2910056> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A pragmatic methodology for blind hardware trojan insertion in finalized layouts**

Hepp, Alexander; **Perez, Tiago Diadami; Pagliarini, Samuel Nascimento**; Sigl, Georg ICCAD '22: Proceedings of the 41st IEEE/ACM International Conference on Computer-Aided Design 2022 / art. 69, p. 1-9 : ill <https://doi.org/10.1145/3508352.3549452>  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Predicting fuel properties using chemometrics : a review and an extension to temperature dependent physical properties by using infrared spectroscopy to predict density**

**Baird, Zachariah Steven; Oja, Vahur** Chemometrics and intelligent laboratory systems 2016 / p. 41-47 : ill  
<https://doi.org/10.1016/j.chemolab.2016.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Preface**

Matthes, Ralph; **Uustalu, Tarmo** RAIRO - Theoretical Informatics and Applications 2013 / p. 1-2 <https://doi.org/10.1051/ita/2012026>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **The produoidal algebra of process decomposition**

**Earnshaw, Matthew David**; Hefford, James; **Román, Mario** 32nd EACSL Annual Conference on Computer Science Logic (CSL 2024) 2024 / art. 25, 19 p. ill <https://doi.org/10.4230/LIPIcs.CSL.2024.25> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Promonads and string diagrams for effectful categories**

**Roman Garcia, Mario** Proceedings Fifth International Conference on Applied Category Theory (ACT 2022), Glasgow, United Kingdom, 18-22 July 2022 2023 / p. 344-361 <https://doi.org/10.4204/EPTCS.380.20> <https://cgi.cse.unsw.edu.au/~eptcs/paper.cgi?ACT2022.20.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Proof theory of partially normal skew monoidal categories**

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

### **Proof theory of skew non-commutative MILL**

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

### **A proof-theoretic study of bi-intuitionistic propositional sequent calculus**

Pinto, Luis; **Uustalu, Tarmo** Journal of logic and computation 2018 / p. 165-202 <https://doi.org/10.1093/logcom/exx044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Protocol choice and iteration for the free cornering**

**Nester, Chad Mitchell; Voorneveld, Niels** Journal of logical and algebraic methods in programming 2024 / art. 100942, 30 p <https://doi.org/10.1016/j.jlamp.2023.100942> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Public acceptance of advanced identity documents**

**Kalvet, Tarmo**; Tiits, Marek; Laas-Mikko, Katrin ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 429-432 <https://doi.org/10.1145/3209415.3209456>  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Quadratic/linear rational spline histopolation**

**Hallik, Helle**; Oja, Peeter BIT numerical mathematics 2017 / p. 629-648 : ill <https://doi.org/10.1007/s10543-017-0645-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Radio resource management in NB-IoT systems : empowered by interference prediction and flexible duplexing**

**Malik, Hassan; Alam, Muhammad Mahtab**; Pervaiz, Haris; **Le Moullec, Yannick**; Al-Dulaimi, Anwer; Päränd, Sven; Reggiani, Luca IEEE Network 2020 / Art. nr. 8839971 <https://doi.org/10.1109/MNET.001.1900087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Realization of nonlinear input-output equations in controller canonical form**

**Kaldmäe, Arvo; Kotta, Ülle** Kybernetika 2018 / p. 736-747 <https://doi.org/10.14736/kyb-2018-4-0736> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Real-time crack detection on concrete using non-destructive approaches based on Yolo series : Review**

Bassir, David; Chang, Haochen; **Majak, Jüri** Advances in Machinery, Materials Science and Engineering Application X : Proceedings of the 10th International Conference (MMSE 2024), Paris, France, 27–28 July 2024 / p. 820-826  
<https://doi.org/10.3233/ATDE240712> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Real-time demands and calibration of water distribution systems**

Vassiljev, Anatoli; Koor, Margus; **Koppel, Tiit** Advances in engineering software 2015 / p. 108-113 : ill  
<https://doi.org/10.1016/j.advengsoft.2015.06.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Real-time localization and visualization of a sound source for virtual reality application**

**Köse, Ahmet; Tepljakov, Aleksei; Astapov, Sergei** 2017 25th International Conference on Software, Telecommunications and Computer Networks (SoftCOM) : Split, Croatia, September 21-23, 2017 2017 / p 219-224 : ill  
<https://doi.org/10.23919/SOFTCOM.2017.8115577> [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

Iqbal, Junaid; Truscan, Dragos; **Vain, Jüri**; Porres, Ivan Proceedings of the Fifth European Conference on the Engineering of Computer-Based Systems 2017 / 10 pages : ill <https://doi.org/10.1145/3123779.3123813> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Regular monoidal languages**

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

### **Regular planar monoidal languages**

**Earnshaw, Matthew David; Sobocinski, Pawel Maria** Journal of logical and algebraic methods in programming 2024 / art. 100963, 20 p. : ill <https://doi.org/10.1016/j.jlamp.2024.100963> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Reordering derivatives of trace closures of regular languages [Online resource]**

**Maarand, Hendrik; Uustalu, Tarmo** 30th International Conference on Concurrency Theory : (CONCUR 2019) 2019 / art. 40 ; 40:1–40:16 <https://doi.org/10.4230/LIPIcs.CONCUR.2019.40> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Requirements elicitation and specification using the agent paradigm : the case study of an aircraft turnaround simulator**

Miller, Tim; Lu, Bin; Sterling, Leon; Beydoun, Ghassan; **Taveter, Kuldar** IEEE transactions on software engineering 2014 / p. 1007-1024 : ill <https://doi.org/10.1109/TSE.2014.2339827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Research gaps on public service delivery**

Lopes, Nuno Vasco; Sa Soares, Delfina; **Meyerhoff Nielsen, Morten**; Tavares, Antonio ICEGOV '17 : proceedings of the 10th International Conference on Theory and Practice of Electronic Governance : New Delhi AA, India, March 7-9, 2017 2017 / p. 465-474 : ill <https://doi.org/10.1145/3047273.3047388> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Re-shaping the EU digital identity framework**

**Lips, Silvia**; Vinogradova, Natalia; Krimmer, Robert Johannes; **Draheim, Dirk** 23rd Annual International Conference on Digital Government Research (DGO2022) : Intelligent Technologies, Governments and Citizens, June 15-17, 2022 : proceedings 2022 / p. 13-21 <https://doi.org/10.1145/3543434.3543652> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A roadside unit deployment framework for enhancing transportation services in Maghreb cities**

Chaabene, Seif Ben; Yeferny, Taoufik; **Ben Yahia, Sadok** Concurrency and Computation: Practice and Experience 2021 / art. e5611  
<https://doi.org/10.1002/cpe.5611> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Robust training of vector quantized bottleneck models**

Lancucki, Adrian; Chorowski, Jan; Sanchez, Guillaume; Marxer, Ricard; Chen, Nanxin; Dolfing, Hans J.G.A.; Khurana, Sameer; **Alumäe, Tanel**; Laurent, Antoine 2020 International Joint Conference on Neural Networks (IJCNN), 19-24 July 2020, Glasgow, UK : proceedings 2020 / art. 163566 : 7 p <https://doi.org/10.1109/IJCNN48605.2020.9207145> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **RoCo-NAS : robust and compact neural architecture search**

Geraeinejad, Vahid; Sinaei, Sima; Modarressi, Mehdi; **Daneshtalab, Masoud** 2021 International Joint Conference on Neural Networks (IJCNN) : proceedings 2021 / 8 I <https://doi.org/10.1109/IJCNN52387.2021.9534460> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The role of linked open statistical data in public service co-creation**

**McBride, Keegan David Braun**; Matheus, Ricardo; **Toots, Maarja; Kalvet, Tarmo; Krimmer, Robert Johannes** ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 679-681 <https://doi.org/10.1145/3209415.3209446> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Russian Federal remote E-voting scheme of 2021 - protocol description and analysis**

**Vakarjuk, Jelizaveta; Snetkov, Nikita;** Willemson, Jan EICC '22: Proceedings of the 2022 European Interdisciplinary Cybersecurity Conference 2022 / p. 29-35 <https://doi.org/10.1145/3528580.3528586> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **SCARF : securing chips with a robust framework against fabrication-time hardware trojans**

**Eslami, Mohammad; Ghasempouri, Tara; Pagliarini, Samuel Nascimento** IEEE Transactions on Computers 2024 / p. 2761-2775 <https://doi.org/10.1109/TC.2024.3449082> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Securing verified IO programs against unverified code in FI**

**Andrici, Cezar-Constantin; Ciobăca, Stefan; HriÅ£cu, Catalin; Martínez, Guido; Rivas Gadda, Exequiel Matías; Tanter, Éric; Winterhalter, Théo** Proceedings of the ACM on programming languages 2024 / art. 74, 34 p. : ill <https://doi.org/10.1145/3632916> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A security-aware and LUT-based CAD flow for the physical synthesis of hASICs**

**Abideen, Zain Ul; Perez, Tiago Diadami; Martins, Mayler; Pagliarini, Samuel Nascimento** IEEE transactions on computer-aided design of integrated circuits and systems 2023 / p. 3157-3170 : ill <https://doi.org/10.1109/TCAD.2023.3244879> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Self-aware smart contracts with legal relevance**

**Norta, Alexander** 2018 International Joint Conference on Neural Networks (IJCNN) : 2018 proceedings 2018 / p. 4113-4120 : ill <https://doi.org/10.1109/IJCNN.2018.8489235> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Semi-Substructural Logics à la Lambek**

**Wan, Cheng-Syuan** Proceedings of 11th International Conference on Nonclassical Logics : Theory and Applications (NCL'24) 2024 / p. 195-213 <https://doi.org/10.4204/EPTCS.415.18> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Semi-substructural logics with additives**

**Veltri, Niccolo; Wan, Cheng-Syuan** Proceedings of the 18th International Workshop on Logical and Semantic Frameworks, with Applications and 10th Workshop on Horn Clauses for Verification and Synthesis, Rome, Italy & Paris, France, 1-2 July, 2023 & 23rd April 2023 2024 / p. 63-80 <https://doi.org/10.4204/EPTCS.402.8> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Serverless, FaaS and why organizations need them**

**Astrova, Irina;** Koschel, Arne; Schaaf, Marc; Klassen, Samuel; Jdiya, Kerim Intelligent decision technologies 2021 / p. 825-838 <https://doi.org/10.3233/IDT-210194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sights, titles and tags: mining a worldwide photo database for sightseeing**

**Luberg, Ago; Pindis, Jakob; Tammet, Tanel** 10th International Conference on Web Intelligence, Mining and Semantics (WIMS 2020) & 5th International Conference on Real-time Intelligent Systems (RTIS 2020) : 30 June - 3 July 2020, Biarritz, France : proceedings 2020 / p. 149-158 : ill <https://doi.org/10.1145/3405962.3405987> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Situated transition systems**

**Nester, Chad Mitchell** arXiv 2022 / p. 103-115 <https://doi.org/10.4204/EPTCS.372.8> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Slice nondeterminism**

**Voorneveld, Niels** 4th International Conference on Interactive Theorem Proving, ITP 2023, Bialystok, 31 July - 4 August 2023 2023 / art. 31, 19 p <https://doi.org/10.4230/LIPIcs.ITP.2023.31> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **Smart city collaboration model : A case study of university-city collaboration**

**Sarv, Lill; Kibus, Kristel; Soe, Ralf-Martin** Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 674-677 <https://doi.org/10.1145/3428502.3428601> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Smart healthcare : disease prediction using the cuckoo-enabled deep classifier in IoT framework**

**Kumar, Ashwani; Reddy, S. Sai Satyanarayana; Mahommad, Gouse Baig; Khan, Baseem; Sharma, Rahul** Scientific Programming 2022 <https://doi.org/10.1155/2022/2090681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Smart twin cities via urban operating system**

**Soe, Ralf-Martin** ICEGOV '17 : proceedings of the 10th International Conference on Theory and Practice of Electronic Governance : New Delhi AA, India, March 7-9, 2017 2017 / p. 391-400 : ill <https://doi.org/10.1145/3047273.3047322> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Smartgrid-based hybrid digital twins framework for demand side recommendation service provision in distributed power systems**

**Onile, Abiodun Emmanuel; Petlenkov, Eduard;** Levron, Yoash; Belikov, Juri Future generation computer systems 2024 / p. 142-156 : ill <https://doi.org/10.1016/j.future.2024.03.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Sociotechnical factors and Industry 4.0 : an integrative perspective for the adoption of smart manufacturing technologies**

Marcon, Érico; Soliman, Marlon; **Gerstlberger, Wolfgang Dieter**; Frank, Alejandro G. Journal of Manufacturing Technology Management 2022 / p. 259-289 : ill <https://doi.org/10.1108/JMTM-01-2021-0017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A software product line approach for semantic specification of block libraries in dataflow languages**

Dieumegard, Arnaud; **Toom, Andres**; Pantel, Marc SPLC '14: 18th International Software Product Line Conference, Florence Italy, September 15-19, 2014. Volume 1 2014 / p. 217-226 : ill <https://doi.org/10.1145/2648511.2648534> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Sound conflict management and resolution for virtual-enterprise collaborations**

Narendra, Nanjangud C.; **Norta, Alexander**; **Mahunnah, Msury**; **Ma, Lixin**; Maggi, Fabrizio Maria Service-oriented computing and applications 2016 / p. 233-251 : ill <https://doi.org/10.1007/s11761-015-0183-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Span(Graph) : a canonical feedback algebra of open transition systems**

**Di Lavore, Elena**; Gianola, Alessandro; **Roman Garcia, Mario**; Sabadini, Nicoletta; **Sobocinski, Pawel Maria** Software and systems modeling 2023 / p. 495-520 : ill <https://doi.org/10.1007/s10270-023-01092-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Special issue on concept lattices and their applications (CLA 2020)**

Valverde-Albacete, Francisco José; Trnecka, Martin; **Ben Yahia, Sadok** International journal of approximate reasoning 2024 / art. 109079, 3 p. <https://doi.org/10.1016/j.ijar.2023.109079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Special Issue on Digital Twin for Future Networks and Emerging IoT Applications (DT4IoT)**

Hakiri, Akram; **Ben Yahia, Sadok**; Gokhale, Aniruddha S.; Mellouli, Nédra Future generation computer systems 2024 / p. 81-84 <https://doi.org/10.1016/j.future.2024.06.056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Split-chip design to prevent IP reverse engineering**

**Pagliarini, Samuel Nascimento**; Sweeney, Joseph; Mai, Ken; Blanton, Shawn; Mitra, Subhasish; Pileggi, Larry IEEE Design and Test 2020 / p. 109-118 <https://doi.org/10.1109/MDAT.2020.3033255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **SSProve : a foundational framework for modular cryptographic proofs in Coq**

Haselwarter, Philipp G.; **Rivas, Exequiel**; Van Muylder, Antoine; Winterhalter, Théo; Abate, Carmine; Sidorenco, Nikolaj; Hrițcu, Cătălin; Maillard, Kenji; Spitters, Bas ACM Transactions on Programming Languages and Systems 2023 / art. 15 <https://doi.org/10.1145/3594735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Stream clustering guided supervised learning for classifying NIDS alerts**

**Vaarandi, Risto**; Guerra Manzanares, Alejandro Future generation computer systems 2024 / p. 231-244 : ill <https://doi.org/10.1016/j.future.2024.01.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **String diagram rewrite theory I : rewriting with Frobenius structure**

Bonchi, Filippo; Gadducci, Fabio; Kissinger, Aleks; **Sobocinski, Pawel Maria**; Zanasi, Fabio Journal of the ACM 2022 / art. 14 <https://doi.org/10.1145/3502719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **String diagrammatic electrical circuit theory**

Boisseau, Guillaume; **Sobocinski, Pawel Maria** arXiv.org 2022 / p. 178-191 : ill <https://doi.org/10.4204/EPTCS.372.13> <https://cgi.cse.unsw.edu.au/~eptcs/paper.cgi?ACT2021.13> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **String diagrammatic trace theory**

**Earnshaw, Matthew David**; **Sobocinski, Pawel Maria** 48th International Symposium on Mathematical Foundations of Computer Science (MFCS 2023) 2023 / art. 43, 43 p. : ill <https://doi.org/10.4230/LIPIcs.MFCS.2023.43> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Structured development of implementations for divide-and-conquer specifications**

**Bortin, Maksym** Science of computer programming 2024 / art. 103011, 15 p. : ill <https://doi.org/10.1016/j.scico.2023.103011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Structuring analyses of complex enterprise datasets with adaptive morphogenesis methods**

**Polis, Einar** ECBS '17: Proceedings of the Fifth European Conference on the Engineering of Computer-Based Systems 2017 / art. a5, 10 p. : ill <https://doi.org/10.1145/3123779.3123808> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Surviving the unforeseen - teaching IT and engineering students during COVID-19 outbreak**

**Ruberg, Priit**; Ellervee, Peeter; Tammemäe, Kalle; Reinsalu, Uljana; Rähni, Andres; Robal, Tarmo Proceedings - Frontiers in

Education Conference, FIE 2022 / Code 184790 <https://doi.org/10.1109/FIE56618.2022.9962383> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **ZED-TTE: Zone embedding and deep neural network based travel time estimation approach**

Ounoughi, Chahinez; Yeferny, Taoufik; **Ben Yahia, Sadok** 2021 International Joint Conference on Neural Networks (IJCNN) : proceedings 2021 / 10 p <https://doi.org/10.1109/IJCNN52387.2021.9533456> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **TalTech-IRIT-LIS speaker and language diarization systems for DISPLACE 2024**

**Kalda, Joonas; Alumäe, Tanel;** Lebourdais, Martin; Bredin, Hervé; Baroudi, Séverin; Marxer, Ricard Interspeech 2024, 1-5 September 2024, Kos, Greece 2024 / p. 1635–1639 : ill <https://doi.org/10.21437/Interspeech.2024-2462> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **TermX: The semantic interoperability, knowledge management and sharing platform**

**Bossenko, Igor; Piho, Gunnar; Ivanova, Marina; Ross, Peeter** SoftwareX 2024 / art. 101839, 7 p. : ill <https://doi.org/10.1016/j.softx.2024.101839> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Test scenario specification language for model-based testing**

**Halling, Evelin; Vain, Jüri;** Boyarchuk, Artem; Illiashenko, Oleg International Journal of Computing 2019 / p. 408-421 : ill <http://www.computingonline.net/computing/article/view/1611> <https://doi.org/10.47839/ijc.18.4.1611> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **The 2016 BBN Georgian telephone speech keyword spotting system**

**Alumäe, Tanel;** Karakos, Damianos; Hartmann, William 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 5755-5759 : tab <https://doi.org/10.1109/ICASSP.2017.7953259> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The essential competencies of software professionals : a unified competence framework**

Assyne, Nana; **Ghanbari, Hadi;** Pulkkinen, Mirja Information and software technology 2022 / art. 107020, 20 p. : ill <https://doi.org/10.1016/j.infsof.2022.107020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The role of demographics in cities**

**Soe, Ralf-Martin** dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 446-451 : ill <https://doi.org/10.1145/3085228.3085274> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The smash product of monoidal theories**

**Hadzahasanovic, Amar** 36th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS), 29 June-2 July 2021, Rome, Italy, virtual : proceedings 2021 / art. 9470575, 13 p <https://doi.org/10.1109/LICS52264.2021.9470575> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **The state of research on software engineering competencies : a systematic mapping study**

Assyne, Nana; **Ghanbari, Hadi;** Pulkkinen, Mirja Journal of systems and software 2022 / art. 111183, 18 p. : ill <https://doi.org/10.1016/j.jss.2021.111183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A theme section on the central role of modeling in designing and explaining data-driven systems and software**

Attigbo, Christian; **Ben Yahia, Sadok;** Bellatreche, Ladjel Software and Systems Modeling 2023 / p. 1945-1947 <https://doi.org/10.1007/s10270-023-01133-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Theory and practice of linked open statistical data**

Tambouris, Efthimios; Kalampokis, Evangelos; Janssen, Marijn; Matheus, Ricardo; Hermans, Paul; **Kalvet, Tarmo** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / Article No. 130, 2 p <https://doi.org/10.1145/3209281.3209341> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **3D modelling of non-uniform and turbulent flow in vertical slot fishways**

**Fuentes-Pérez, Juan Francisco;** Silva, A.T.; Tuhtan, Jeffrey Andrew; Garcia-Vega, Ana; Carbonell Baeza, Ruth; Musall, Mark; **Kruusmaa, Maarja** Environmental modelling & software 2018 / p. 156-169 : ill <https://doi.org/10.1016/j.envsoft.2017.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A Top-K formal concepts-based algorithm for mining positive and negative correlation biclusters of DNA microarray data**

Houari, Amina; **Ben Yahia, Sadok** International journal of machine learning and cybernetics 2023 / p. 941–962 : ill <https://doi.org/10.1007/s13042-023-01949-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards a domain model for learning and teaching**

**Murtazin, Kristina; Shvets, Oleg;** Meeter, Martijn; **Piho, Gunnar** International Conference on Model-Driven Engineering and Software Development 2024 / p. 288-296 <https://doi.org/10.5220/0012471400003645> [Conference proceedings at Scopus](#) [Article at](#)

**Towards a networked modern democracy: thoughts on how ICT could enable new forms for the relationship between citizens and their representatives**

**Fischer, Dirk-Hinnerk; Krimmer, Robert Johannes** dg.o 18 : Proceedings of the 19th Annual International Conference on Digital Government Research : Governance in the Data Age : Delft, Netherlands, May 30-June 01, 2018 2018 / art. 52, 8 p. : ill <https://doi.org/10.1145/3209281.3209284> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Towards a smart sustainable city roadmap**

Pereira, Gabriela Viale; Estevez, Elsa; **Krimmer, Robert**; Janssen, Marijn; Janowski, Tomasz Proceedings of the 20th Annual International Conference on Digital Government Research : Governance in the Age of Artificial Intelligence, 2019, Dubai 18 June- 20 June 2019 2019 / p. 527- 528 <https://doi.org/10.1145/3325112.3325274> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Towards a smarter directional data aggregation in VANETs**

Allani, Sabri; Yeferny, Taoufik; Chbeir, Richard; **Ben Yahia, Sadok** World Wide Web 2020 / p. 2303-2322 : ill <https://doi.org/10.1007/s11280-019-00749-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Towards a synesthesia laboratory : real-time localization and Visualization of a sound source for virtual reality applications**

**Köse, Ahmet; Tepljakov, Aleksei; Astapov, Sergei; Draheim, Dirk; Petlenkov, Eduard; Vassiljeva, Kristina** Journal of communications software and systems 2018 / p. 112-120 : ill <https://doi.org/10.24138/jcomss.v14i1.410> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Transformation of nonlinear state equations into the observer form : necessary and sufficient conditions in terms of one-forms**

**Kaparin, Vadim; Kotta, Ülle** Kybernetika 2015 / p. 36-58 <https://doi.org/10.14736/kyb-2015-1-0036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Transition delay fault simulation with parallel critical path back-tracing and 7-valued algebra**

**Kõusaar, Jaak; Ubar, Raimund-Johannes; Devadze, Sergei; Raik, Jaan** Microprocessors and microsystems 2015 / p. 1130-1138 : ill <https://doi.org/10.1016/j.micpro.2015.05.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Transnational digital identity as an instrument for Global Digital Citizenship : The case of Estonia's e-Residency**

**Tammpuu, Piia; Masso, Anu** Information systems frontiers 2019 / p. 621-634 : ill <https://doi.org/10.1007/s10796-019-09908-y> [Professor Anu Masso: e-residentsus taastoodab digitaalsed ebavõrdsust](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Tree-based ensemble multi-task learning method for classification and regression**

**Simm, Jaak**; Magrans De Abril, Idefons; Sugiyama, Masashi IEICE transactions on information and systems 2014 / p. 1677-1681 <https://doi.org/10.1587/transinf.E97.D.1677> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Type-theoretic constructions of the final coalgebra of the finite powerset functor**

**Veltri, Niccolo** 41st IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2021) 2021 / p. 22:1-22:18 <https://doi.org/10.4230/LIPIcs.FSCD.2021.22> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Understanding MPSoCs : exploiting memory microarchitectural vulnerabilities of high performance NoC-based MPSoCs**

Sepulveda, Johanna; **Azad, Siavoosh Payandeh; Niazmand, Behrad; Jervan, Gert** SAMOS '18 : Proceedings of the 18th International Conference on Embedded Computer Systems: Architectures, Modeling, and Simulation, Pythagorion, Greece, July 15-19, 2018 2018 / p. 162-166 <https://doi.org/10.1145/3229631.3239367> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Understanding multidimensional verification : where functional meets non-functional**

**Lai, Xinhui; Balakrishnan, Aneesh**; Lange, Thomas; **Jenihhin, Maksim; Ghasempouri, Tara; Raik, Jaan**; Alexandrescu, Dan Microprocessors and microsystems 2019 / art. 102867, 13 p. : ill <https://doi.org/10.1016/j.micpro.2019.102867> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A unifying categorical view of nondeterministic iteration and tests**

Goncharov, Sergey; **Uustalu, Tarmo** 35th International Conference on Concurrency Theory (CONCUR 2024) 2024 / art. 25 <https://doi.org/10.4230/LIPIcs.CONCUR.2024.25> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Update monads: Cointerpreting directed containers**

Ahman, Danel; **Uustalu, Tarmo** 19th International Conference on Types for Proofs and Programs : TYPES 2013, April 22-26, 2013, Toulouse, France 2014 / p. 1-23 : ill <https://doi.org/10.4230/LIPIcs.TYPES.2013.1> [Conference proceeding at Scopus](#) [Article at Scopus](#)

### **The use of AI in public services : results from a preliminary mapping across the EU**

Misuraca, Gianluca; **Noordt, Colin Pascal van**; Boukli, Anys Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 90-99

<https://doi.org/10.1145/3428502.3428513> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Using blockchain for optimal and transparent resource allocation : a proposed solution for fund allocation : brief overview**

Voicu-Dorobantu, Roxana; **Udokwu, Chibuzor**; Bocse, Bogdan ICEEG '21: Proceedings of the 5th International Conference on E-Commerce, E-Business and E-Government 2021 / p. 35-38 <https://doi.org/10.1145/3466029.3466056> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Using reinforcement learning to optimize the acceptance threshold of a credit scoring model**

Herasymovych, Mykola; **Märka, Karl**; Lukason, Oliver Applied Soft Computing Journal 2019 / Art. 105697

<https://doi.org/10.1016/j.asoc.2019.105697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Using spark to ensure system to software integrity : a case study**

**Näks, Tõnu**; Aiello, M.A.; Taft, S.T. Ada user journal 2019 / p. 226-229 : ill <https://www.ada-switzerland.ch/doc/auj/auj-40-4.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Using STLs for effective in-field test of GPUs**

Rodríguez Condia, Josie E.; Da Silva, Felipe Augusto; **Bagbaba, Ahmet Cagrl**; Guerrero-Balaguera, Juan-David; Hamdioui, Said; Sauer, Christian; Reorda, Matteo Sonza IEEE Design and Test 2023 / p. 109-117 <https://doi.org/10.1109/MDAT.2022.3188573> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Utilizing layout effects for analog logic locking**

**Aljafar, Muayad J.**; Azais, Florence; Flottes, Marie-Lise; Pagliarini, Samuel Journal of Cryptographic Engineering 2024 / p. 311-324 <https://doi.org/10.1007/s13389-024-00350-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Validating the usage of occupational classification systems in the process of creating a national virtual competency assistant within the EU labor market**

**Liutkevičius, Markko**; Erlenheim, Regina Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2021), 6 – 8 October 2021, Athens, Greece 2022 / p. 254–259 <https://doi.org/10.1145/3494193.3494228> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Variations on Noetherianness**

**Firsov, Denis**; **Uustalu, Tarmo**; **Veltri, Niccolo** Proceedings 6th Workshop on Mathematically Structured Functional Programming (MSFP 2016) : Eindhoven, The Netherlands, 8 April 2016 2016 / p. 76-88 : ill <https://doi.org/10.4204/eptcs.207.4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **VEDA - moVE DATA to balance the grid : research directions and recommendations for exploiting data centers flexibility within the power system**

Ziaghah Ahwazi, Amin; Bordin, Chiara; **Mishra, Sambeet**; Ha, Phuong H.; Horsch, Alexander ICSCC '21: Proceedings of the 2021 6th International Conference on Systems, Control and Communications 2021 / p. 13-18 <https://doi.org/10.1145/3510362.3510365> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Versatile direct and transpose matrix multiplication with chained operations : an optimized architecture using circulant matrices**

Iakymchuk, Taras; Rosado-Munoz, Alfredo; Mompean, Manuel Bataller; Villora, Jose Vicente Frances; **Osimiry, Emmanuel Ovie** IEEE Transactions on Computers 2016 / p. 3470 - 3479 <https://doi.org/10.1109/TC.2016.2538235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **What makes a strong monad?**

McDermott, Dylan; **Uustalu, Tarmo** Proceedings of the Ninth Workshop on Mathematically Structured Functional Programming 2022 / p. 113-133 <https://doi.org/10.4204/EPTCS.360.6> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Whisker-based tactile navigation algorithm for underground robots**

**Kossas, Tanel**; Remmas, Mohamed Walid; Gkliva, Roza; Ristolainen, Asko; Kruusmaa, Maarja 2024 IEEE International Conference on Robotics and Automation (ICRA) 2024 / p. 13164-13170 <https://doi.org/10.1109/ICRA57147.2024.10610762> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A visual-semantic approach for building content-based recommender systems**

Bendouch, Mounir M.; Frasinicar, Flavius; **Robal, Tarmo** Information systems 2023 / art. 102243, 12 p. : ill <https://doi.org/10.1016/j.is.2023.102243> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)