

Additive cellular automata graded-monadically

Capobianco, Silvio; Uustalu, Tarmo PPDP '23 : proceedings of the 25th International Symposium on Principles and Practice of Declarative Programming 2023 / art. 13, 9 p <https://doi.org/10.1145/3610612>

Addressing scalability issues in semantics-driven recommender systems

Bendouch, Mounir M.; Frasin, Flavio; **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](#)

An overview of FPGA-inspired obfuscation techniques

Abideen, Zain Ul; Gokulanathan, Sumathi; Aljafar, Muayad J.; Pagliarini, Samuel Nascimento ACM computing surveys 2024 / art. 299, 35 p. : ill <https://doi.org/10.1145/3677118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Artificial Intelligence and Agents : ISDE - Intelligent Systems for Digital Era Track : editorial message

Matulevičius, Raimundas; Kalibatiene, Diana SAC '25: Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 864-865 <https://dl.acm.org/doi/proceedings/10.1145/3672608>

Assessment of digital government : case study of ICT initiatives in Balochistan

Arfeen, M. Irfanullah; **Meyerhoff Nielsen, Morten** ICTD '17 proceedings of the Ninth International Conference on Information and Communication Technologies and Development 2017 / art. 27, p. 1-5 : ill <http://dx.doi.org/10.1145/3136560.3136592>

Attribute-based encryption for named data networking

Lenin, Aleksandr; Laud, Peeter ICN '21 : Proceedings of the 8th ACM Conference on Information-Centric Networking 2021 / p. 118-120 <https://doi.org/10.1145/3460417.3483371>

AVB-aware routing and scheduling for critical traffic in time-sensitive networks with preemption

Berisa, Aldin; Zhao, Luxi; Craciunas, Silviu S.; Ashjaei, Mohammad; Mubeen, Saad; **Daneshtalab, Masoud**; Sjödin, Mikael RTNS '22: Proceedings of the 30th International Conference on Real-Time Networks and Systems 2022 / p. 207-218 <https://doi.org/10.1145/3534879.3534926>

Benchmarking advanced security closure of physical layouts

Eslami, Mohammad; Knechtel, Johann; Sinanoglu, Ozgur; Karri, Ramesh; **Pagliarini, Samuel Nascimento** ISPD '23 : proceedings of the 2023 International Symposium on Physical Design 2023 / p. 256-264 <https://doi.org/10.1145/3569052.3578924> <https://dl.acm.org/doi/pdf/10.1145/3569052.3578924>

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](#)

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

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

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

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

Building global societies on collective intelligence : challenges and opportunities

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

Building understanding of municipal operations centers as smart city' initiatives : insights from a cross-case analysis

Pereira, Gabriela Viale; Testa, Mauricio Gregorianin; Macadar, Marie Anne; Parycek, Peter; **Schuch de Azambuja, Luiza** EGOSE '16 : proceedings of the International Conference on Electronic Governance and Open Society : Challenges in Eurasia 2016 / p. 19-

CACS: A cloud privacy-preserving attribute management system

Kalu, Aivo; Kus, Burak Can; Laud, Peeter; Leung, Kin Long; **Snetkov, Nikita; Vakarjuk, Jelizaveta** Proceedings of the 18th International Conference on Availability, Reliability and Security (ARES), Benevento Italy, 29 August 2023 - 1 September, 2023 2023 / art. 122, p. 1-9 <https://doi.org/10.1145/3600160.3605022>

The case of the UK's Government Digital Service : the professionalisation of a paradigmatic public digital agency

Kattel, Rainer; Takala, Ville Digital government : research and practice 2023 / art. 28 <https://doi.org/10.1145/3630024>

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](#)

Collective intelligence systems from an organizational perspective

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

Combined safety and cybersecurity testing methodology for autonomous driving algorithms

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

Combining effects and coeffects via grading

Gaboardi, Marco; Katsumata, Shin-ya; Orchard, Dominic; Breuvar, Flavien; **Uustalu, Tarmo** ICFP 2016 : proceedings of the 21st ACM SIGPLAN International Conference on Functional Programming : Nara, Japan, September 18-24, 2016 2016 / p. 476-489 <https://doi.org/10.1145/2951913.2951939>

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](#)

A comparative analysis of symbolic and deep learning based RDFS materialization

Traagel, Mart; Carneiro Alves de Lima, Bruno Rucy; Cabral Pinheiro, Victor Henrique AICCC '23: Proceedings of the 2023 6th artificial intelligence and cloud computing conference 2023 / p. 60-65 <https://doi.org/10.1145/3639592.3639601>

Comparing modern build automation tools for an insurance company

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

Conception and activity directions for training and science centre supporting development of Estonian e-state technologies : [abstract]

Pappel, Ingrid; Pappel, Ingmar; Saarmann, Monika ICEGov 2011 : 5th International Conference on Theory and Practice of Electronic Governance : 26-28 September 2011, Tallinn, Estonia : brochure 2011 / p. 201 <https://dl.acm.org/doi/abs/10.1145/2072069.2072105>

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](#)

Concise description of telecom service use through concept chains

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

Concurrent monads for shared state

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

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](#)

Contact center in a smart cities view : a comparative case study of Curitiba (Brazil), Porto Alegre (Brazil) and Philadelphia (USA)

Macadar, Marie Anne; Lheureux-De-Freitas, Jorge; **Schuch de Azambuja, Luiza**; Luciano, Edimara Mezzomo ICEGOV '15-16 : proceedings of the 9th International Conference on Theory and Practice of Electronic Governance : March 2016 2016 / p. 215-222 <http://dx.doi.org/10.1145/2910019.2910063>

Context-aware and multilingual information extraction for a tourist recommender system

Luberg, Ago; Schoefegger, Karin; **Järv, Priit; Tammet, Tanel** i-KNOW '11 : proceedings of the 11th International Conference on Knowledge Management and Knowledge Technologies 2011 / [8] p.: ill <https://dl.acm.org/doi/pdf/10.1145/2024288.2024304>

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](#)

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](#)

DADS : decentralized attestation for device swarms

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

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](#)

A Decade of international conference on theory and practice of electronic governance

Carvalho, Nuno Ramos; **Meyerhoff Nielsen, Morten**; Kholilul Rohman, Ibrahim ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 230-235 : ill <https://doi.org/10.1145/3209415.3209484>

DefSim - the defective IC

Pleskacz, Witold A.; **Jutman, Artur; Ubar, Raimund-Johannes; Devadze, Sergei** DATE 2007 : Design Automation and Test in Europe : Nice, France, April 16-20, 2007 2007 / p. s96 (2 p.)

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](#)

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](#)

Design space exploration of SABER in 65nm ASIC

Imran, Malik; Almeida, Felipe; Raik, Jaan; Basso, Andrea; Roy, Sujoy Sinha; **Pagliarini, Samuel Nascimento** ASHES '21 : proceedings of the 5th Workshop on Attacks and Solutions in Hardware Security 2021 / p. 85-90 <https://doi.org/10.1145/3474376.3487278>

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](#)

Device-to-device discovery and localization assisted by UAVs in pervasive public safety networks

Masood, Ali; Sharma, Navuday; Alam, Muhammad Mahtab; Le Moulec, Yannick; Scazzoli, Davide; Magarini, Maurizio; Ahmad, Rizwan Proceedings of the ACM MobiHoc workshop on innovative aerial communication solutions for First REsponders network in emergency scenarios : iFIRE '19, Catania, Italy, July 2-5, 2019 2019 / p. 6-11 <https://doi.org/10.1145/3331053.3335031>

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](#)

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

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

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

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

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

Lips, Silvia; Ahmed, Rozha Kamal; Zulfikarzada, 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](#)

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](#)

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](#)

Edge intelligence resource consumption by UAV-based IR object detection

Polukhin, Andrii; Gordienko, Yuri; Leier, Mairo; Jervan, Gert; Rokovyi, Oleksandr; Alienin, Oleg; Stirenko, Sergii UAVM '23 : proceedings of the 2023 Workshop on UAVs in multimedia : capturing the world from a new perspective 2023 / p. 57-61 <https://doi.org/10.1145/3607834.3616566>

Editorial message : Special track on Intelligent Systems for Digital Era (ISDE)

Robal, Tarmo; Liiv, Innar; Kalibatiene, Diana SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 824-825 <https://doi.org/10.1145/3555776>

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](#)

An efficient feature-based method for people counting

Helmer, Daniel; Hinkelmann, Heiko; Hollstein, Thomas SAC '23: Proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing 2023 / p. 852 - 855 <https://doi.org/10.1145/3555776.3577801>

eGovernance and online service delivery in Estonia

Meyerhoff Nielsen, Morten 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. 300-309 : ill <https://doi.org/10.1145/3085228.3085284>

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

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

eID public acceptance in Estonia : towards understanding the citizen

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

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](#)

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](#)

Estonia : e-Design and EDA

Jenihhin, Maksim 50th DAC Global Forum 2013 / [2] p

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](#)

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](#)

Exploiting aspects in model-based testing

Sarna, Külli; Vain, Jüri FOAL'12 : proceedings of the eleventh workshop on Foundations of Aspect-Oriented Languages : March 26, 2012, Potsdam, German 2012 / p. 45-47 : ill https://www.researchgate.net/publication/254007794_Exploiting_aspects_in_model-based_testing

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](#)

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

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

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

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

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](#)

Fed-batch fermentation controller design with evolutionary computation

Riid, Andri; Rüstern, Ennu CSTST '08 Proceedings of the 5th international conference on Soft computing as transdisciplinary science and technology 2008 / p. 371-377 : ill

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

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

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](#)

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](#)

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 λ -calculus in guarded cubical Agda

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

Formalizing λ -calculus in guarded cubical Agda

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

FPGA platform based digital design education

Mihhailov, Dmitri; Kruus, Margus; Sudnitsõn, Aleksander Proceedings of the 9th International Conference on Computer Systems and Technologies and Workshop for PhD Students in Computing : CompSysTech'2008. Vol. 374, ACM International Conference Proceeding Series 2008 / p. IV.4-1 - IV.4-6 : ill <https://dl.acm.org/doi/pdf/10.1145/1500879.1500938>

A framework for combining concurrent checking and online embedded test for low-latency fault detection in NoC routers

Saltarelli, Pietro; Niazmand, Behrad; Raik, Jaan; Govind, Vineeth; Hollstein, Thomas; Jervan, Gert; Hariharan, Ranganathan NOCS '15 : International Symposium on Networks-on-Chip : Vancouver, BC, Canada, September 28-30, 2015 2015 / [8] p. : ill <http://dx.doi.org/10.1145/2786572.2788713>

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

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

A framework of awareness for artificial subjects

Jantsch, Axel; **Tammemäe, Kalle** CODES '14 : proceedings of the 2014 International Conference on Hardware/Software Codesign and System Synthesis 2014 / [3] p

Frameworks for collective intelligence : a systematic literature review

Suran, Shweta; Pattanaik, Vishwajeet; Draheim, Dirk ACM computing surveys 2020 / art. 14, p. 1–36

<https://doi.org/10.1145/3368986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 situation awareness in cyber-physical systems : creation and exchange of situational information

Preden, Jürjo-Sören CODES '14 : proceedings of the 2014 International Conference on Hardware/Software Codesign and System Synthesis 2014 / [3] p. : ill

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](#)

Guest editorial : Special issue on parallel, distributed, and network-based processing in next-generation embedded systems

Mubeen, Saad; Lo Bello, Lucia; Daneshtalab, Masoud; Saponara, Sergio Journal of Systems Architecture : the EUROMICRO Journal 2021 / art. 102159 <https://doi.org/10.1016/j.sysarc.2021.102159>

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](#)

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](#)

ICEGOV2017 Special Collection : e-Government Innovations in India : ICEGOV2017 SCII 2017

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](#)

Information retrieval and deduplication for tourism recommender Sightsplanner

Luberg, Ago; Granitzer, Michael; Wu, Honghan; Järv, Priit; Tammet, Tanel Proceedings of the 2nd International Conference on Web Intelligence, Mining and Semantics : Craiova, Romania, June 13-15, 2012 2012 / [11] p. : ill <https://dl.acm.org/doi/abs/10.1145/2254129.2254191>

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](#)

IntelliEye: enhancing MOOC learners' video watching experience through real-time attention tracking

Robal, Tarmo; Zhao, Yue; Lofi, Christoph; Hauff, Claudia HT '18 : 29th ACM Conference on Hypertext & SocialMedia, July 9–12, 2018, Baltimore, MD, USA : proceedings of the 29th on Hypertext and Social Media 2018 / p. 106-114 : ill <https://doi.org/10.1145/3209542.3209547>

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

Ermits, 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](#)

Lean formalization of extended regular expression matching with lookarounds

Zhuchko, Ekaterina; Veanes, Margus; Ebner, Gabriel CPP 2024 - Proceedings of the 13th ACM SIGPLAN International Conference on Certified Programs and Proofs, Co-located with: POPL 2024 2024 / p. 118 - 131 <https://doi.org/10.1145/3636501.3636959> [Article at Scopus](#) [Article at WOS](#)

Legally enforceable smart-contract languages : a systematic literature review

Dwivedi, Vimal Kumar; Pattanaik, Vishwajeet; Deval, Vipin; Dixit, Abhishek; Norta, Alexander; Draheim, Dirk ACM computing surveys 2022 / art. 3453475, p. 1–34 <https://doi.org/10.1145/3453475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Leveraging layout-based effects for locking analog ICs

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

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](#)

Monadic augment and generalised short cut fusion

Ghani, Neil; **Johan, Patricia**; **Uustalu, Tarmo**; **Vene, Varmo** ICFP'05 : Proceedings of the Tenth ACM SIGPLAN International Conference on Functional Programming : September 26-28, 2005, Tallinn, Estonia 2005 / p. 294-305 https://libres.uncg.edu/ir/asu/f/Johann_Patricia_Ghani_Neil_2007_Monadic_Augment_and_Generalized.pdf

Monoidal streams for dataflow programming

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

Numerical association rule mining : a systematic literature review

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

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

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

On positive feedback loops in digital government architecture

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

On 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](#)

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

Mihhailov, Dmitri; Rjabov, Artjom; Sklyarov, Valery; Skliarova, Ioulia; **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](#)

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](#)

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](#)

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](#)

Polynomial curve fitting by substitution

Gorev, Maksim; Pesonen, Vadim; Ellervee, Peeter FPGAWorld'11 : the 8th Annual FPGAWorld Conference : Copenhagen, Stockholm, Munich, September 12-15, 2011 2011 / [4] p.: ill <https://dl.acm.org/doi/pdf/10.1145/2157871.2157872>

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

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

Predictability limits in session-based next item recommendation

Järv, Priit RecSys '19: Thirteenth ACM Conference on Recommender Systems, Copenhagen Denmark, September, 2019 2019 / p. 146–150 <https://doi.org/10.1145/3298689.3346990>

Preface

The 16th International Baltic Conference on Digital Business and Intelligent Systems : Baltic DB&IS Conference Forum and Doctoral Consortium 2024, 30 June – 03 July, Vilnius, Lithuania : proceedings 2024 / 1 p <https://ceur-ws.org/Vol-3698/preface.pdf>

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](#)

RE#: High performance derivative-based regex matching with intersection, complement, and restricted lookarounds

Varatalu, Ian Erik; Veanes, Margus; **Ernits, Juhan-Peep** Proceedings of the ACM on Programming Languages 2024 / art. 1, 32 p <https://doi.org/10.1145/3704837>

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](#)

Recursion and hierarchy in digital design and prototyping : a case study

Mihhailov, Dmitri; Kruus, Margus; Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** Computer Systems and Technologies : 12th International Conference, CompSysTech'11 : Vienna, Austria, June 16-17, 2011 : proceedings 2011 / p. 45-50 : ill <https://dl.acm.org/doi/pdf/10.1145/2023607.2023616>

Reflection, rewinding, and coin-toss in EasyCrypt

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

Replication and upscaling of Smart Cities in Academia and practice: concepts, barriers and enablers

Soe, Ralf-Martin 24th Annual International Conference on Digital Government Research: dg.o 2023 : Together in the unstable world: Digital government and solidarity, Gdańsk, Poland, 11-14 July, 2023 : proceedings 2023 / p. 115–121 <https://doi.org/10.1145/3598469.3598481>

Report on PPDP/LOPSTR 2021

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](#)

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](#)

ROS-based Augmented and Virtual Reality path planning interface for industrial robotic arms : a preliminary assessment

Pizzagalli, Simone Luca; **Bondarenko, Yevhen**; **Kuts, Vladimir**; **O'Connell, Eoin**; **Murray, Niall**; **Otto, Tauno** ICRSA '23: Proceedings of the 2023 6th International Conference on Robot Systems and Applications 2024 / p. 38-48 : ill <https://doi.org/10.1145/3655532.3655538>

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](#)

SC-Block++: A blocking algorithm based on adaptive flood regularization

Ning, Arthur; Frasinicar, Flavius; **Robal, Tarmo** SAC '25 : Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 1258-1266 <https://dl.acm.org/doi/10.1145/3672608.3707946> <https://doi.org/10.1145/3672608.3707946>

Securing verified IO programs against unverified code in FI

Andrici, Cezar-Constantin; Ciobăca, Stefan; Hriâncu, 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](#)

Self-aware cyber-physical systems

Bellman, K.; Landauer, C.; Dutt, N.; **Tammemäe, Kalle** ACM transactions on cyber-physical systems 2020 / p. 1-26 <https://doi.org/10.1145/3375716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sentiment analysis for hotel reviews : a systematic literature review

Ameur, Asma; Hamdi, Sana; **Ben Yahia, Sadok** ACM Computing Survey 2023 / art. 51 <https://doi.org/10.1145/3605152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

SIGCOMM '15 : proceedings of the 2015 ACM Conference on Special Interest Group on Data Communication : August 17-21, 2015, London, United Kingdom

2015 <http://dl.acm.org/citation.cfm?id=2785956>

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](#)

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](#)

A smart city initiative : a case study of Porto Alegre 156

Schuch de Azambuja, Luiza; Lheureux-De-Freitas, Jorge; Moreira, Cristiano Ramos; Macadar, Marie Anne dg.o '14 : proceedings of the 15th Annual International Conference on Digital Government Research 2014 / p. 245-252 <https://doi.org/10.1145/2612733.2612768>

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](#)

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](#)

Special track on Intelligent Systems for Digital Era (ISDE)

2024 <https://doi.org/10.1145/3605098>

Special track on Intelligent Systems for Digital Era (ISDE)

SAC '25: Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 864-915 <https://dl.acm.org/doi/proceedings/10.1145/3672608>

Special track on Intelligent Systems for Digital Era (ISDE) : editorial message

Robal, Tarmo; **Liiv, Innar**; Kalibatiene, Diana; Matulevičius, Raimundas SAC '24 : Proceedings of the 39th ACM/SIGAPP Symposium on Applied Computing, Avila, Spain, April 8-12, 2024 2024 / p. 652-653 <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3605098> [Article at Scopus](#)

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](#)

Stationary vs. non-stationary mobile learning in MOOCs

Zhao, Yue; **Robal, Tarmo**; Lofi, Christoph; Hauff, Claudia UMAP '18 : Adjunct Publication of the 26th Conference on User Modeling, Adaptation and Personalization, Singapore, July 08-11, 2018 : proceedings 2018 / p. 299-303 <https://doi.org/10.1145/3213586.3225241>

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](#)

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](#)

Survey on architectural attacks : a unified classification and attack model

Ghasempouri, Tara; **Raik, Jaan**; Reinbrecht, Cezar; Hamdioui, Said; Hamdioui, Said ACM Computing Surveys 2023 / art. 42 <https://doi.org/10.1145/3604803> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of test purpose directed reactive planning tester for nondeterministic systems

Vain, Jüri; **Raiend, Kullo**; **Kull, Andres**; **Ernits, Juhan-Peep** 22nd IEEE/ACM International Conference on Automated Software Engineering (ASE 2007) : November 5-9, 2007, Atlanta, Georgia, USA 2007 / p. 363-372 https://www.researchgate.net/publication/220883693_Synthesis_of_test_purpose_directed_reactive_planning_tester_for_nondeterministic_systems

Synthesising schedules to improve QoS of best-effort traffic in TSN networks

Houtan, Bahar; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Mubeen, Saad RTNS'2021 : 29th International Conference on Real-Time Networks and Systems 2021 / p. 68-77 <https://doi.org/10.1145/3453417.3453423>

A systematic literature review on hardware reliability assessment methods for deep neural networks

Ahmadilivani, Mohammad Hasan; **Taheri, Mahdi**; **Raik, Jaan**; **Daneshtalab, Masoud**; **Jenihhin, Maksim** ACM Computing Surveys 2024 / art. 141, 39 p. : ill <https://doi.org/10.1145/3638242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

System-level data format exploration for dynamically allocated data structures

Ellervee, Peeter; Miranda, Miguel; Catthoor, Francky; Hemani, Ahmed 37th Design Automation Conference : Los Angeles, CA, June 5-9, 2000 : proceedings 2000 / p. 556-559 : ill <https://ieeexplore.ieee.org/document/855373>

Teleoperation of the industrial robot : augmented reality application

Chung, Xue Er Shamaine; Qiao, Yuansong; **Kuts, Vladimir**; Henry, John; McNevin, Ken; Murray, Niall MMSys '22: Proceedings of the 13th ACM Multimedia Systems Conference 2022 / p. 299-303 <https://doi.org/10.1145/3524273.3532901>

Term search in Rust

Annus, Tavo; Joram, Philipp TyDe 2024: Proceedings of the 9th ACM SIGPLAN International Workshop on Type-Driven Development 2024 / p. 62-73 <https://doi.org/10.1145/3678000.3678210> [Article at Scopus](#)

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](#)

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](#)

Time semantics of executable activity diagrams for relativized conformance testing

Iqbal, Junaid; Truscan, Dragos; **Vain, Jüri** MODELS '20: Proceedings of the 23rd ACM/IEEE International Conference on Model Driven Engineering Languages and Systems: Companion Proceedings 2020 / p. 251-256 <https://doi.org/10.1145/3417990.3421399>

Time-Sensitive Networking in automotive embedded systems : state of the art and research opportunities

Ashjaei, Mohammad; Bello, Lucia Lo; **Daneshtalab, Masoud**; Patti, Gaetano; Saponara, Sergio; Mubeen, Saad Journal of Systems Architecture : the EUROMICRO Journal 2021 <https://doi.org/10.1016/j.sysarc.2021.102137>

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 information-theoretic visualization evaluation measure: a practical example for Bertin's matrices

Liiv, Innar Proceedings of the ACM CHI (ACM Conference on Human Factors in Computing Systems) 2010 Conference : April 10-11, 2010, Atlanta, GA, US 2010 <https://dl.acm.org/doi/10.1145/2110192.2110196>

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](#)

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](#)

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](#)

Webcam-based attention tracking in online learning: a feasibility study

Robal, Tarmo; Zhao, Yue; Lofi, Christoph; Hauff, Claudia IUI '18 : Proceedings of the 2018 Conference on Intelligent User Interface, Tokyo, Japan, March 07-11, 2018 2018 / p. 189-197 : ill <https://doi.org/10.1145/3172944.3172987>

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

Ziagham 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](#)

Verified security of BLT signature scheme

Firsov, Denis; Buldas, Ahto; Truu, Ahto; Laanoja, Risto CPP 2020 - Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2020, New Orleans 20 January 2020 through 21 January 2020 2020 / p. 244-257 <https://doi.org/10.1145/3372885.3373828>

Visualization and structure analysis of legislative acts : a case study on the law of obligations

Liiv, Innar; Vedešin, Anton; **Täks, Ermo** Proceedings of the 11th International Conference on Artificial Intelligence and Law (ICAIL'07) : Standford University, June 4-8, 2007 2007 / p. 189-190 <http://innar.com/p189-liiv.pdf>