

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

**Lukin, Aleksandr; Demidova, Galina; Rassõlkin, 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](#)

### **Acoustic forward model for guided wave propagation and scattering in a pipe bend**

**Rasgado Moreno, Carlos Omar; Rist, Marek; Land, Raul; Ratassepp, Madis** Sensors 2022 / art. 486  
<https://doi.org/10.3390/s22020486> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling**

**Ilste, Elisa; Pikas, Ergo; Kalamees, Targo; Viik, Joosep** Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 <https://doi.org/10.35490/EC3.2024.221> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **The Activities of IGIP**

**Polyakova, Tatiana; Prikhodko, Viacheslav; Rüttemann, Tiia; Auer, Michael E.** The International Society for Engineering Pedagogy: 1972–2022 2023 / p. 33–146 [https://doi.org/10.1007/978-3-031-19890-8\\_2](https://doi.org/10.1007/978-3-031-19890-8_2) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Adaptive LINE-P : an adaptive linear energy prediction model for wireless sensor network nodes**

**Ahmed, Faisal; Tamberg, Gert; Le Moullec, Yannick; Annus, Paul** Sensors 2018 / art. 1105, 26 p. : ill  
<https://doi.org/10.3390/s18041105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assessment of malicious tweets impact on stock market prices**

**Ishikawa, Tatsuki; Ben Sassi, Imen; Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 330–346 [https://doi.org/10.1007/978-3-030-75018-3\\_22](https://doi.org/10.1007/978-3-030-75018-3_22) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Author correction: A global database for metacommunity ecology, integrating species, traits, environment and space (Scientific Data, (2020), 7, 1, (6), 10.1038/s41597-019-0344-7)**

**Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stéphane; Andrew, Nigel; Arlettaz, Raphaël; Barbaro, Luc; Barsoum, Nadia; Bartonova, Alena; Reitalu, Triin** Scientific Data 2020 / Art. 79 <https://doi.org/10.1038/s41597-020-0420-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Autonomous driving in the real-world : the weather challenge in the Sohjoa Baltic Project**

**Bellone, Mauro; Ismailogullari, Azat; Müür, Jaanus; Nissin, Oscar; Sell, Raivo; Soe, Ralf-Martin** Towards connected and autonomous vehicle highways : technical, security and social challenges 2021 / p. 229–255 [https://doi.org/10.1007/978-3-030-66042-0\\_9](https://doi.org/10.1007/978-3-030-66042-0_9) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Beyond high-tech versus low-tech : a tentative framework for sustainable urban data governance**

**Kostakis, Vasileios; Pazaitis, Alexandros; Liarokapis, Minas** Big data and society 2023 / 6 p. : ill  
<https://doi.org/10.1177/20539517231180583> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bialgebraic foundations for the operational semantics of string diagrams**

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

### **Blockchain, smart contracts und recht - smart contracts als risiko für informatiker**

**Hoffmann, Thomas; Skwarek, Volker** Informatik Spektrum 2019 / p. 197-204 <https://doi.org/10.1007/s00287-019-01180-3> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Breaking the chains of open innovation : post-blockchain and the case of Sensorica**

**Pazaitis, Alexandros** Information 2020 / art. 104, 18 p. <https://doi.org/10.3390/info11020104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **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](#)

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

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

### **A chameleon algorithm for solving economic dispatch problem in microgrid system**

**Zahraoui, Younes**; Alhamrouni, Ibrahim; Mekhilef, Saad; **Korōtko, Tarmo**; Jusoh, Awang; Sutikno, Tole Bulletin of electrical engineering and informatics 2023 / p. 1982-1992 : ill <https://doi.org/10.11591/eei.v12i4.4700> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A comparative study of approaches of ontology driven software development**

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

### **Complete genome sequencing of the luminescent bacterium, vibrio qinghaiensis sp. Q67 using PacBio technology**

Gong, Liang; Wu, Yu; Jian, Qijie; Yin, Chunxiao; **Gupta, Vijai Kumar**; Duan, Xuewu; Jiang, Yueming Scientific Data 2018 / art. 170205 <https://doi.org/10.1038/sdata.2017.205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Constitutive modeling with single and dual internal variables**

**Berezovski, Arkadi** Entropy 2023 / art. 721, 26 p <https://doi.org/10.3390/e25050721> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cooperative scheduler to enhance massive connectivity in 5G and beyond by minimizing interference in OMA and NOMA**

**Mwakwata, Collins Burton**; Elgarhy, Osama Mohamed Mostafa; Alam, Muhammad Mahtab; Le Moullec, Yannick; Päränd, Sven; Trichias, Konstantinos; Ramantas, Kostas IEEE Systems Journal 2022 / p. 5044-5055 <https://doi.org/10.1109/JSYST.2021.3114338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Correction to: Implementation and evaluation of the DAOM framework and support tool for designing blockchain decentralized applications (International Journal of Information Technology, (2021), 13, 6, (2245-2263), 10.1007/s41870-021-00816-6)**

**Udokwu, Chibuzor**; Brandtner, Patrick; **Norta, Alexander**; **Kormiltsōn, Aleksandr**; Matulevičius, Raimundas International Journal of Information Technology (Singapore) 2022 <https://doi.org/10.1007/s41870-022-01026-4> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A cost-effective electric vehicle intelligent charge scheduling method for commercial smart parking lots using a simplified convex relaxation technique**

Jawad, Muhammad; Qureshi, Muhammad Bilal; Ali, Sahibzada Muhammad; **Shabbir, Noman**; Khan, Muhammad Usman; Aloraini, Afnan; Nawaz, Raheel Sensors 2020 / p. 1-19 <https://doi.org/10.3390/s20174842> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cost-efficient network planning for the cross-border Baltic corridor—a study**

**Elgarhy, Osama Mohamed Mostafa**; Alam, Mohammad Saad; Tammets, Anet; Roosipuu, Priit; Ancans, Guntis; Saidans, Guntars; Tutovs, Jurijs; Saliņš, Klavs; Verdiņš, A.; Aleksandrovs, M.; Perševics, A.; Zariņš, D.; Uusmaa, Mart; Uhtlik, Ove; Soom, Priit Sensors 2023 / art. 8111 <https://doi.org/10.3390/s23198111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Creation of smart-contracting collaborations for decentralized autonomous organizations**

**Norta, Alexander** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 3-17 [https://doi.org/10.1007/978-3-319-21915-8\\_1](https://doi.org/10.1007/978-3-319-21915-8_1) [Conference proceedings at Scopus](#) [Article at Scopus](#)

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

**Bahsi, Hayrettdin**; 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](#)

### **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](#)

### **DC voltage sensorless predictive control of a high-efficiency PFC single-phase rectifier based on the versatile buck-boost converter**

González-Castaño, Catalina; Restrepo, Carlos; Sanz, Fredy; **Chub, Andrii**; Giral, Roberto Sensors 2021 / art. 5107 <https://doi.org/10.3390/s21155107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Decision making and strategic planning for disaster preparedness with a multi-criteria-analysis decision support system**

Schlobinski, Sascha; Zuccaro, Giulio; Scholl, Martin; Meiers, Daniel; Denzer, Ralf; Guarino, Sergio; Engelbach, Wolf; **Taveter, Kuldar**; Frysinger, Steven Environmental Software Systems : Infrastructures, Services and Applications : 11th IFIPWG 5.11 International Symposium, ISESS 2015, Melbourne, VIC, Australia, March 25-27, 2015 : proceedings 2015 / p. 178-186 : ill

[https://doi.org/10.1007/978-3-319-15994-2\\_17](https://doi.org/10.1007/978-3-319-15994-2_17) Conference proceedings at Scopus Article at Scopus

**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 fuzzy rule-based classifiers through granulation and consolidation**

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

**Design 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

**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 forensic analysis of mobile automotive maintenance applications**

**Sumaila, Faisal; Bahsi, Hayretudin** Forensic Science International : Digital Investigation 2022 / art. 301440  
<https://doi.org/10.1016/j.fsidi.2022.301440> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Digital transformation in business and management research : an overview of the current status quo**

Kraus, Sascha; **Durst, Susanne;** Ferreira, João J.; Veiga, Pedro; Kailer, Norbert; Weinmann, Alexandra International Journal of Information Management 2022 / Art. nr. 102466 <https://doi.org/10.1016/j.ijinfomgt.2021.102466> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Digital work and organisational transformation : emergent digital/human work configurations in modern organisations**

Baptista, João; **Stein, Mari-Klara;** Klein, Stefan; Watson-Manheim, Mary Beth; Lee, Jungwoo Journal of Strategic Information Systems 2020 / Art. 101618 <https://doi.org/10.1016/j.jsis.2020.101618> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Distributed largest eigenvalue-based spectrum sensing using diffusion LMS**

**Ainomäe, Ahti;** Bengtsson, Mats; **Trump, Tõnu** IEEE transactions on signal and information processing over networks 2018 / p. 362-377 : ill <https://doi.org/10.1109/TSIPN.2017.2705483> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Does knowledge retrieval improves work efficiency? An investigation under multiple systems use**

Sutanto, Juliana; Liu, Yi; Grigore, Mihai; **Lemmik, Rivo** International Journal of Information Management 2018 / p. 42 - 53  
<https://doi.org/10.1016/j.ijinfomgt.2018.01.009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Dual-source Linear Energy Prediction (LINE-P) model in the context of WSNs**

**Ahmed, Faisal; Tamberg, Gert; Le Moullec, Yannick; Annus, Paul** Sensors 2017 / art. 1666, p. 1-22 : ill  
<https://doi.org/10.3390/s17071666> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

**E-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

**Electrical bioimpedance analysis for evaluating the effect of pelotherapy on the human skin : methodology and experiments**

**Metshein, Margus;** Tuulik, Varje-Riin; Tuulik, Viuu; Kumm, Monika; **Min, Mart; Annus, Paul** Sensors 2023 / art. 4251  
<https://doi.org/10.3390/s23094251> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**An empirical modeling for the baseline energy consumption of an NB-IoT radio transceiver**

**Khan, Sikandar Muhammad Zulqarnain; Alam, Muhammad Mahtab; Le Moullec, Yannick; Kuusik, Alar;** Päränd, Sven; Verikoukis, Christos IEEE Internet of Things Journal 2021 / p. 14756-14772 : ill <https://doi.org/10.1109/JIOT.2021.3072769> Journal

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

#### **End-to-end multimodal sensor dataset collection framework for autonomous vehicles**

**Gu, Junyi**; Lind, Artjom; Chhetri, Tek Raj; **Bellone, Mauro**; **Sell, Raivo** Sensors 2023 / art. 6783, 25 p. : ill  
<https://doi.org/10.3390/s23156783> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Enhancing urban vitality: integrating traditional metrics with big data and socio-economic insights**

**Osunkoya, Kofoworola Modupe**; **Partanen, Jenni** Journal of Spatial Information Science 2024 / p. 43-68  
<https://doi.org/10.5311/JOSIS.2024.29.357> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Ensemble approach for detection of depression using EEG features**

Avots, Egils; Jermakovs, Klavs; **Bachmann, Maie**; **Päeske, Laura**; Ozcinar, Cagri; Anbarjafari, Gholamreza Entropy 2022 / art. 211  
<https://doi.org/10.3390/e24020211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Taipalus, Toni; Grahn, Hilikka; **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](#)

#### **EUKARYOME: the rRNA gene reference database for identification of all eukaryotes**

Tedersoo, Leho; Hosseini-Moghaddam, Mahdieh S.; Mikryukov, Vladimir; Hakimzadeh, Ali; Bahram, Mohammad; Nilsson, Rolf Henrik; Yatsiuk, Iryna; Geisen, Stefan; Schwelm, Arne; Piwosz, Kasia; Prous, Marko; **Sildvee, Sirje**; **Laas, Peeter** Database 2024 / art. baee043 <https://doi.org/10.1093/database/baee043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Evaluation of deep neural network compression methods for edge devices using weighted score-based ranking scheme**

**Ademola, Olutosin Ajibola**; **Leier, Mairo**; **Petlenkov, Eduard** Sensors 2021 / art. 7529 <https://doi.org/10.3390/s21227529> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Evaluation of VoIP QoS performance in wireless mesh networks**

**Meeran, Mohammad Tariq**; **Anus, Paul**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** Information 2017 / art. 88, p. 1-26 : ill  
<https://doi.org/10.3390/info8030088> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **An evolutionary field theorem : evolutionary field optimization in training of power-weighted multiplicative neurons for nitrogen oxides-sensitive electronic nose applications**

Alagoz, Baris Baykant; Simsek, Ozlem Imik; Ari, Davut; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; **Alimohammadi, Hossein** Sensors 2022 / art. 3836 <https://doi.org/10.3390/s22103836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

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

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

#### **Exploring digital sustainability of/through Estonia's e-residency: Africa's case and the importance of culture for sustainability**

**Abaku, Tamunonengiyeofori**; **Calzati, Stefano**; **Masso, Anu** Digital Policy, Regulation and Governance 2021 / p. 300-313  
<https://doi.org/10.1108/DPRG-10-2020-0153> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Exploring the limits of early predictive maintenance in wind turbines applying an anomaly detection technique**

Jankauskas, Mindaugas; Serackis, Artūras; Šapurov, Martynas; Pomarnacki, Raimondas; Baskys, Algirdas; Hyunh, Van Khang; **Vaimann, Toomas**; Zakis, Janis Sensors 2023 / art. 5695 <https://doi.org/10.3390/s23125695> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Extending the “Smart City” concept to small-to-medium sized Estonian municipalities: initiatives and challenges faced**

**Fröhlich, K. A.**; **Soe, Ralf-Martin**; Maoneke, P.B.; Jain, K.; Pinomaa, A.; Nieminen, M. Information Systems : 19th European, Mediterranean, and Middle Eastern Conference, EMCIS 2022, Virtual Event, December 21–22, 2022 : proceedings 2023 / p. 264–276 [https://doi.org/10.1007/978-3-031-30694-5\\_20](https://doi.org/10.1007/978-3-031-30694-5_20) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Fabrication, potentiometric characterization, and application of screen-printed RuO<sub>2</sub> pH electrodes for water quality testing**

Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof; Tamm, Martti Sensors 2021 / art. 5399, 15 p. :

ill <https://doi.org/10.3390/s21165399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fault collapsing in digital circuits using fast fault dominance and equivalence analysis with SSBDDs**

**Ubar, Raimund-Johannes; Jürimägi, Lembit; Orasson, Elmet; Raik, Jaan** VLSI-SoC : Design for Reliability, Security, and Low Power : 23rd IFIP WG 10.5/IEEE International Conference on Very Large Scale Integration, VLSI-SoC 2015 Daejeon, Korea, October 5-7, 2015 : revised selected papers 2016 / p. 23-45 : ill [https://doi.org/10.1007/978-3-319-46097-0\\_2](https://doi.org/10.1007/978-3-319-46097-0_2) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **FedBranched : leveraging federated learning for anomaly-aware load forecasting in energy networks**

Manzoor, Habib Ullah; Khan, Ahsan Raza; Flynn, David; **Alam, Muhammad Mahtab**; Akram, Muhammad; Imran, Muhammad Ali; Zoha, Ahmed Sensors 2023 / art. 3570 <https://doi.org/10.3390/s23073570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **FESDA : fog-enabled secure data aggregation in smart grid IoT network**

Saleem, Ahsan; Khan, Abid; Malik, Saif Ur Rehman; Pervaiz, Haris; **Malik, Hassan**; Alam, Masoom; Jindal, Anish IEEE Internet of Things Journal 2020 / p. 6132-6142 <https://doi.org/10.1109/JIOT.2019.2957314> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **First principles simulations of phenol and methanol detector based on pristine graphene nanosheet and armchair graphene nanoribbons**

**Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas** Sensors 2019 / art. 2731, 14 p. : ill <https://doi.org/10.3390/s19122731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Forecasting of absolute dynamic topography using deep learning algorithm with application to the Baltic Sea**

**Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Computers & geosciences 2023 / art. 105406, 16 p. : ill <https://doi.org/10.1016/j.cageo.2023.105406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Forward and backward walking : multifactorial characterization of gait parameters**

Donno, Lucia; **Monoli, Cecilia**; Frigo, Carlo Albino; Galli, Manuela Sensors 2023 / art. 4671 <https://doi.org/10.3390/s23104671> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fractional Fourier transform-based signal separation for ultrasonic guided wave inspection of plates**

**Peng, Chengxiang; Annus, Paul; Rist, Marek; Land, Raul; Ratassep, Madis** Sensors 2024 / art. 7564 <https://doi.org/10.3390/s24237564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Frictional wear and corrosion behavior of AlCoCrFeNi high-entropy alloy coatings synthesized by atmospheric plasma spraying**

**Mu, Yongkun**; Zhang, Liangbo; Xu, Long; **Prashanth, Konda Gokuldoss**; Zhang, Nizhen; Ma, Xindi; Jia, Yuefei; Xu, Yulai; Jia, Yandong; Wang, Gang Entropy 2020 / art. 740 <https://doi.org/10.3390/e22070740> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **From customer-, to actor-, to stakeholder engagement: taking stock, conceptualization, and future directions**

**Hollebeek, Linda Desiree**; Kumar, Virender; Srivastava, Rajendra K. Journal of Service Research 2022 / p. 328-343 <https://doi.org/10.1177/1094670520977680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Game on! How gamified loyalty programs boost customer engagement value**

**Hollebeek, Linda Desiree**; Das, Kallol; Shukla, Yupal International journal of information management 2021 / art. 102308, 10 p. : ill <https://doi.org/10.1016/j.ijinfomgt.2021.102308> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geoid modeling by the least squares modification of Hotine's and Stokes' formulae using non-gridded gravity data**

Sakil, Fatima Feyza; Erol, Serdar; **Ellmann, Artu**; Erol, Bihter Computers & geosciences 2021 / art. 104909 <https://doi.org/10.1016/j.cageo.2021.104909> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ghost protocol – Snapchat as a method of surveillance**

Matthews, Richard; **Lovell, Kieren Nicolas**; Sorell, Matthew Forensic Science International : Digital Investigation 2021 / art. 301112 <https://doi.org/10.1016/j.fsidi.2021.301112> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Global data on earthworm abundance, biomass, diversity and corresponding environmental properties**

Phillips, Helen R. P.; Bach, Elizabeth M.; Bartz, Marie L. C.; Bennett, Joanne M.; Beugnon, Remy; Briones, Maria J. I.; Brown, George G.; Ferlian, Olga; Gongalsky, Konstantin B.; **Ivask, Mari** Scientific data 2021 / art. 136 <https://doi.org/10.1038/s41597-021-00912-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A global database for metacommunity ecology, integrating species, traits, environment and space**

Jeliazkov, Alienor; Mijatovic, Darko; Chantepie, Stephane; **Reitalu, Triin** Scientific data 2020 / art. 6 ; 12 p. : ill

<https://doi.org/10.1038/s41597-019-0344-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Guest editorial : implementation issues in system-on-chip**

**Ellervee, Peeter**; Nurmi, Jari Journal of signal processing systems 2017 / p. 269-270 <https://doi.org/10.1007/s11265-017-1242-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Guest editorial: KM in a changing world: time for a new research agenda**

**Durst, Susanne**; Temel, Serdal VINE Journal of Information and Knowledge Management Systems 2022 / p. 333 - 334

<https://doi.org/10.1108/VJKMS-07-2022-317> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Harnessing cloud scalability to hadoop clusters**

Koschel, Arne; Heine, Felix; **Astrova, Irina** Information Systems 15th European, Mediterranean, and Middle Eastern Conference, EMCIS 2018 : Limassol, Cyprus, October 4–5, 2018 : proceedings 2019 / p. 59-71 [https://doi.org/10.1007/978-3-030-11395-7\\_6](https://doi.org/10.1007/978-3-030-11395-7_6)

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

### **Harnessing graph neural networks to predict international trade flows**

**Sellami, Bassem; Ounoughi, Chahinez; Kalvet, Tarmo; Tiits, Marek; Rincon-Yanez, Diego** Big Data and Cognitive Computing 2024 / art. 65 <https://doi.org/10.3390/bdcc8060065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heuristic radio access network subslicing with user clustering and bandwidth subpartitioning**

**Kulmar, Marika; Müürsepp, Ivo; Alam, Muhammad Mahtab** Sensors 2023 / art. 4613 : ill <https://doi.org/10.3390/s23104613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Paixao, Joao; Rufino, Lucas; **Sobocinski, Pawel Maria** Science of computer programming 2022 / art. 102791 ; 26 p

<https://doi.org/10.1016/j.scico.2022.102791> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Sklyarov, Valery; **Rjabov, Artjom**; Skliarova, Iuliia; **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](#)

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

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

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

### **Hygrothermal criteria for design of cross-laminated timber external walls**

**Kukk, Villu; Kers, Jaan; Kalamees, Targo**; Wang, Lin; Ge, Hua Proceedings of the 5th international conference on building energy and environment 2023 / p. 811-815 [https://doi.org/10.1007/978-981-19-9822-5\\_87](https://doi.org/10.1007/978-981-19-9822-5_87) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Impact of component losses on the efficiency of a new quasi-Z-source based dual active bridge**

**Beldjajev, Viktor; Roasto, Indrek; Zakis, Janis** Technological innovation for the Internet of things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems : DoCEIS 2013 : Costa de Caparica, Portugal, April 15-17, 2013 : proceedings 2013 / p. 485-492 : ill [https://doi.org/10.1007/978-3-642-37291-9\\_52](https://doi.org/10.1007/978-3-642-37291-9_52) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Implementation and evaluation of the DAOM framework and tool support for designing blockchain decentralized applications**

**Udokwu, Chibuzor**; Brandtner, Patrick; **Norta, Alexander; Kormiltsõn, Aleksandr**; Matulevičius, Raimundas International journal of law and information technology 2021 / p. 2245–2263 : ill <https://doi.org/10.1007/s41870-021-00816-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Implementation of a web-based remote control system for qZS DAB application using low-cost ARM platform**

Korzeniewski, Marek; Kulikowski, Krzysztof; **Zakis, Janis**; Jasiński, Marek Tomasz; Malinowski, Aleksander Bulletin of the Polish Academy of Sciences: Technical Sciences 2016 / p. 887-896 <https://doi.org/10.1515/bpasts-2016-0097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Improving healthcare processes with smart contracts**

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

#### **Improving IoT security with explainable AI : quantitative evaluation of explainability for IoT botnet detection**

**Kalakoti, Rajesh; Bahsi, Hayretidin; Nömm, Sven** IEEE Internet of Things Journal 2024 / p. 18237 - 18254  
<https://doi.org/10.1109/IJOT.2024.3360626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Initial tests and accuracy assessment of a compact mobile laser scanning system [Online resource]**

**Julge, Kalev; Ellmann, Artu; Vajakas, Toivo; Kolka, Riivo** The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences : XXIII ISPRS Congress, 12-19 July 2016, Prague, Czech Republic. Volume XLII-B1 2016 / p. 633-638 : ill <https://doi.org/10.5194/isprs-archives-XLII-B1-633-2016> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Instantaneous, short-term and predictive long-term power balancing techniques in intelligent distribution grids**

**Suzdalenko, Alexander; Galkin, Ilya** Technological Innovation for the Internet of Things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2013, Costa de Caparica, Portugal, April 15-17, 2013, Proceedings 2013 / p. 343-350 [https://doi.org/10.1007/978-3-642-37291-9\\_37](https://doi.org/10.1007/978-3-642-37291-9_37) [Article collection metrics at Scopus](#) [Article at Scopus](#)

#### **Integration of blockchain technology into a land registration system for immutable traceability : a case study of Georgia**

**Lazuashvili, Nino; Norta, Alexander; Draheim, Dirk** Business Process Management : Blockchain and Central and Eastern Europe Forum : BPM 2019 Blockchain and CEE Forum : Vienna, Austria, September 1–6, 2019 : proceedings 2019 / p. 219-233  
[https://doi.org/10.1007/978-3-030-30429-4\\_15](https://doi.org/10.1007/978-3-030-30429-4_15) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Intelligent control and digital twins for industry 4.0**

**Tepljakov, Aleksei** Sensors 2023 / art. 4036 <https://doi.org/10.3390/s23084036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Joint planning of EV fast charging stations and power distribution systems with balanced traffic flow assignment**

Yang, Wentao; Liu, Weijia; Chung, Chi Yung; **Wen, Fushuan** IEEE transactions on industrial informatics 2021 / p. 1795–1809 : ill  
<https://doi.org/10.1109/TII.2020.2995742> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Knowledge risk prevention strategies for handling new technological innovations in small businesses**

Temel, Serdal; **Durst, Susanne** Vine journal of information and knowledge management systems 2020 / p. 655-673 : ill  
<https://doi.org/10.1108/VJKMS-10-2019-0155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Lidar-camera semi-supervised learning for semantic segmentation**

Caltagirone, Luka; **Bellone, Mauro**; Svensson, Lennart; Wahde, Mattias; **Sell, Raivo** Sensors 2021 / art. 4813  
<https://doi.org/10.3390/s21144813> [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](#)

#### **A machine learning approach to achieving energy efficiency in relay-assisted LTE-a downlink system**

Hassan, Hammad; Ahmed, Ifran; Ahmad, Rizwan; Khammari, Hedi; Bhatti, Ghulam; Ahmed, Waqas; **Alam, Muhammad Mahtab** Sensors 2019 / art. 3461, 25 p. : ill <https://doi.org/10.3390/s19163461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Del Mar-Raave, Joanna Rose; Bahsi, Hayretidin**; Mrcic, Leo; Hausknecht, Kresimir Forensic Science International : Digital Investigation 2021 / art. 301265, 13 p <https://doi.org/10.1016/j.fsidi.2021.301265> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Machine learning-based prediction of specific energy consumption for cut-off grinding**

Awan, Muhammad Rizwan; Rojas, Hernan A. Gonzalez; **Hameed, Saqib**; Riaz, Fahid; Hamid, Shahzaib; **Hussain, Abrar** Sensors 2022 / art. 7152 <https://doi.org/10.3390/s22197152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Malicious accounts detection from online social networks : a systematic review of literature**

**Ben Sassi, Imen; Ben Yahia, Sadok** International Journal of General Systems 2021 / p. 741–814  
<https://doi.org/10.1080/03081079.2021.1976773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

### **Mapping recurrent flooding zone along Estonian inland waters from Sentinel-1 and-2**

**Sipelgas, Liis; Aavaste, Age; Uiboupin, Rivo** International archives of the photogrammetry, remote sensing and spatial information sciences 2020 / p. 627-632 <https://doi.org/10.5194/isprs-archives-XLIII-B3-2020-627-2020> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Measuring explainability and trustworthiness of power quality disturbances classifiers using XAI - explainable artificial intelligence**

**Machlev, Ram; Perl, Michael; Belikov, Juri; Levy, Kfir; Levron, Yoash** IEEE transactions on industrial informatics 2022 / p. 5127-5137 <https://doi.org/10.1109/TII.2021.3126111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Method for evaluating information security level in organisations**

**Seeba, Mari; Mäses, Sten; Matulevičius, Raimundas** Research Challenges in Information Science : 16th International Conference, RCIS 2022 : Barcelona, Spain, May 17-20, 2022 : proceedings 2022 / p. 644-652 : ill [https://doi.org/10.1007/978-3-031-05760-1\\_39](https://doi.org/10.1007/978-3-031-05760-1_39) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Methods and tools for healthcare data anonymization : a literature review**

**Vovk, Olga; Piho, Gunnar; Ross, Peeter** International Journal of General Systems 2023 / p. 326-342 : ill <https://doi.org/10.1080/03081079.2023.2173749> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Methods for detection of bioimpedance variations in resource constrained environments**

**Priidel, Eiko; Annus, Paul; Krivošei, Andrei; Rist, Marek; Land, Raul; Min, Mart; Märten, Olev** Sensors 2020 / art. 1363, 16 p. : ill <https://doi.org/10.3390/s20051363> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Ask, Torvald F.; Kullman, Kaur; Sütterlin, Stefan; Knox, Benjamin James; Engel, Don; Lugo, Ricardo Gregorio** Frontiers in Big Data 2023 / art. 1042783, 21 p. : ill <https://doi.org/10.3389/fdata.2023.1042783> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multichannel electrical impedance spectroscopy analyzer with microfluidic sensors**

**Ojarand, Jaan; Min, Mart; Koel, Ants** Sensors 2019 / art. 1891, 28 p. : ill <https://doi.org/10.3390/s19081891> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Narrowband internet of things (NB-IoT) : from physical (PHY) and media access control (MAC) layers perspectives**

**Mwakwata, Collins Burton; Malik, Hassan; Alam, Muhammad Mahtab; Le Moullec, Yannick; Päränd, Sven; Mumtaz, Shahid** Sensors 2019 / art. 2613, 34 p. : ill <https://doi.org/10.3390/s19112613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An NB-IoT based edge-of-things framework for energy-efficient image transfer**

**Khan, Sikandar Muhammad Zulqarnain; Le Moullec, Yannick; Alam, Muhammad Mahtab** Sensors 2021 / art. 5929, 21 p. : ill <https://doi.org/10.3390/s21175929> [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](#)

### **Three-level neutral-point-clamped quasi-Z-source inverter with maximum power point tracking for photovoltaic systems**

**Roncero-Clemente, Carlos; Stepenko, Serhii; Husev, Oleksandr; Minambres-Marcos, Victor; Romero-Cadaval, Enrique; Vinnikov, Dmitri** Technological innovation for the Internet of things : 4th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems : DoCEIS 2013 : Costa de Caparica, Portugal, April 15-17, 2013 : proceedings 2013 / p. 334-342 [https://doi.org/10.1007/978-3-642-37291-9\\_36](https://doi.org/10.1007/978-3-642-37291-9_36) [https://link.springer.com/chapter/10.1007/978-3-642-37291-9\\_36](https://link.springer.com/chapter/10.1007/978-3-642-37291-9_36) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **New shoot-through control methods for qZSI-based DC/DC converters**

**Roasto, Indrek; Vinnikov, Dmitri; Zakis, Janis; Husev, Oleksandr** IEEE transactions on industrial informatics 2013 / p. 640-647 : ill <https://doi.org/10.1109/TII.2012.2224353> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Non-standard electrode placement strategies for ECG signal acquisition**

**Metshein, Margus; Krivošei, Andrei; Abdullayev, Anar; Annus, Paul; Märten, Olev** Sensors 2022 / art. 9351 <https://doi.org/10.3390/s22239351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 physical fatigue assessment method utilizing heart rate variability and pulse arrival time towards personalized feedback with wearable sensors**

**Allik, Ardo; Pilt, Kristjan; Viigimäe, Moonika; Fridolin, Ivo; Jervan, Gert** Sensors 2022 / art. 1680 <https://doi.org/10.3390/s22041680>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On coverage of critical nodes in UAV-assisted emergency networks**

Waheed, Maham; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab**; Magarini, Maurizio Sensors 2023 / art. 1586  
<https://doi.org/10.3390/s23031586> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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-line corrosion monitoring of plate structures based on guided wave tomography using piezoelectric sensors**

Rao, Jing; **Ratassepp, Madis**; Lisevych, Danylo; Caffoor, Mahadhir Hamzah; Fan, Zheng Sensors 2017 / art. 2882, p. 1-14 : ill  
<https://doi.org/10.3390/s17122882> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

**Ontology merging using the weak unification of concepts**

**Kuusik, Norman; Vain, Jüri** Big Data and Cognitive Computing 2024 / art. 98 <https://doi.org/10.3390/bdcc8090098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An open surface drifter for river flow field characterization**

Fuentes-Pérez, Juan Francisco; Sanz-Ronda, Francisco Javier; **Tuhtan, Jeffrey Andrew** Sensors 2022 / art. nr. 9918  
<https://doi.org/10.3390/s22249918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](#)

**Overcoming system complexity using models and knowledge structures. Editorial introduction to issue 36 of CSIMQ**

Nazaruka, Erika; **Robal, Tarmo** Complex systems informatics and modeling quarterly (CSIMQ) 2023 / p. I-II  
<https://doi.org/10.7250/csimq.2023-36.00> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Overview of battery energy storage systems readiness for digital twin of electric vehicles**

**Zequera, Rolando Antonio Gilbert; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants** IET Smart Grid 2023 / p. 5-16  
<https://doi.org/10.1049/stg2.12101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Overview of digital twin platforms for EV applications**

**Mohamed, Mahmoud Ibrahim Hassanin; Rjabtšikov, Viktor; Zequera, Rolando Antonio Gilbert** Sensors 2023 / art. 1414, 15 p.  
: ill <https://doi.org/10.3390/s23031414> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An overview of the functions of smart grids associated with virtual power plants including cybersecurity measures**

Alvi, Anas Abdullah; Romero-Cadaval, Enrique; González-Romera, Eva; Hassan, Jamil; **Vinnikov, Dmitri** Technological innovation for connected cyber physical spaces : 14th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2023, Caparica, Portugal, July 5-7, 2023 : proceedings 2023 / p. 95 - 107 [https://doi.org/10.1007/978-3-031-36007-7\\_7](https://doi.org/10.1007/978-3-031-36007-7_7) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**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](#)

**A plea for responsible and inclusive knowledge management at the world level**

**Durst, Susanne** VINE Journal of Information and Knowledge Management Systems 2024 / p. 211-219 <https://doi.org/10.1108/VJIKMS-09-2021-0204> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Preface**

Jallouli, Rim; Tobji, Mohamed Anis Bach; Mcheick, Hamid; **Piho, Gunnar** Digital Economy. Emerging Technologies and Business

## **Preface**

**Hollstein, Thomas; Raik, Jaan; Kostin, Sergei; Tšertov, Anton;** O'Connor, Ian; Reis, Ricardo VLSI-SoC: System-on-Chip in the Nanoscale Era – Design, Verification and Reliability, 24th IFIP WG 10.5/IEEE International Conference on Very Large Scale Integration, VLSI-SoC 2016, Tallinn, Estonia, September 26-28, 2016 : Revised Selected Papers 2017 / p. V-VI <https://link.springer.com/book/10.1007/978-3-319-67104-8> [Conference proceedings at Scopus](#) [Article at Scopus](#)

## **Preface**

Polyakova, Tatiana; Prikhodko, Viacheslav; **Rüütmann, Tiia;** Auer, Michael E. The International Society for Engineering Pedagogy : 1972-2022 2023 / p. ix-x <https://link.springer.com/book/10.1007/978-3-031-19890-8> [https://www.estee.ee/record=b5746643\\*est](https://www.estee.ee/record=b5746643*est) [Article collection metrics at Scopus](#) [Article at Scopus](#)

## **Preface of the special issue on advances in data-driven engineering**

**Ben Yahia, Sadok;** Attiogbé, Christian International Journal of General Systems 2023 / p. 203-205

<https://doi.org/10.1080/03081079.2023.2204251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Propagation of bankruptcy risk over scale-free economic networks**

Andria, Joseph; di Tollo, Giacomo; **Kalda, Jaan** Entropy 2022 / art. 1713 <https://doi.org/10.3390/e24121713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm**

**Norta, Alexander;** Dai, Patrick; Mahi, Neil; Earls, Jordan Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18–20, 2018 : Revised Papers 2019 / p. 368-380 [https://doi.org/10.1007/978-3-030-04849-5\\_33](https://doi.org/10.1007/978-3-030-04849-5_33) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Q-Learning based joint energy-spectral efficiency optimization in multi-hop device-to-device communication**

**Khan, Muhidul Islam;** Reggiani, Luca; **Alam, Muhammad Mahtab;** Le Moullec, Yannick; Sharma, Navuday; Yaacoub, Elias; Magarini, Maurizio Sensors 2020 / art. 6692, 23 p.: ill <https://doi.org/10.3390/s20226692> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **A QoS optimization approach in cognitive body area networks for healthcare applications**

**Ahmed, Tauseef;** Le Moullec, Yannick Sensors 2017 / art. 780, p. 1-23 : ill <https://doi.org/10.3390/s17040780> [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](#)

## **Rate-latency optimization for NB-IoT with adaptive resource unit configuration in uplink transmission**

Elgarhy, Osama Mohamed Mostafa; **Reggiani, Luca;** **Malik, Hassan;** **Alam, Muhammad Mahtab;** Imran, Muhammad Ali IEEE Systems Journal 2021 / p. 265 - 276 <https://doi.org/10.1109/JSYST.2020.2991073> [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 regulation of beam-based feedback : implementing an FPGA solution for a continuous wave linear accelerator**

**Maalberg, Andrei;** Kuntzsch, Michael; **Petlenkov, Eduard** Sensors 2022 / art. 6236, 22 p. : ill <https://doi.org/10.3390/s22166236> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **A reinforcement learning routing protocol for UAV aided public safety networks**

Minhas, Hassan Ishtiaq; Ahmad, Rizwan; Ahmed, Waqas; Waheed, Maham; **Alam, Muhammad Mahtab;** Gul, Sufi Tabassum Sensors 2021 / Art. nr. 4121 <https://doi.org/10.3390/s21124121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Relation between self-organization and wear mechanisms of diamond films**

**Podgurski, Vitali;** **Bogatov, Andrei;** **Yashin, Maxim** Entropy 2018 / art. 279, 16 p. : ill <https://doi.org/10.3390/e20040279> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Review of novel topologies for PV applications**

**Makovenko, Elena;** **Husev, Oleksandr;** Roncero-Clemente, Carlos; Romero-Cadaval, Enrique Technological innovation for cyber-

physical systems : 7th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2016, Costa de Caparica, Portugal, April 11-13, 2016 : proceedings 2016 / p. 369-377 : ill [https://doi.org/10.1007/978-3-319-31165-4\\_35](https://doi.org/10.1007/978-3-319-31165-4_35) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Revisiting the LQR problem of singular systems**

**Nosrati, Komeil; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard** IEEE/CAA Journal of Automatica Sinica 2024 / p. 2236-2252 : ill <https://doi.org/10.1109/JAS.2024.124665> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Rise of the machines? Customer engagement in automated service interactions**

**Hollebeek, Linda Desiree;** Sprott, David E.; Brady, Michael K. Journal of Service Research 2021 / p. 3–8  
<https://doi.org/10.1177/1094670520975110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Robust stability analysis of Smith predictor based interval fractional-order control systems: a case study in level control process**

**Ghorbani, Majid;** Tavakoli-Kakhki, Mahsan; **Tepljakov, Aleksei; Petlenkov, Eduard** IEEE/CAA Journal of Automatica Sinica 2023 / p. 762-780 <https://doi.org/10.1109/JAS.2022.105986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The role of European Logistics Association 2020 Standards in facing modern industry expectations and logistics managers' competencies**

**Bisogni, Paolo Gaetano;** Brdulak, Halina Maria; Cantoni, Franca; **Niine, Tarvo;** Zsifkovits, Helmut International Journal of Value Chain Management 2021 / p. 171-198 <https://doi.org/10.1504/IJVM.2021.10033421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Rule-based impact analysis for enterprise business intelligence**

**Tomingas, Kalle; Tammet, Tanel;** Kliimask, Margus Artificial Intelligence Applications and Innovations : AIAI 2014 Workshops : CoPA, MHDW, IVC, and MT4BD, Rhodes, Greece, September 19-21, 2014 : proceedings 2014 / p. 302-309 : ill [https://doi.org/10.1007/978-3-662-44722-2\\_32](https://doi.org/10.1007/978-3-662-44722-2_32) [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Scalable and imbalance-resistant machine learning models for anti-money laundering : a two-layered approach**

**Tertychnyi, Pavlo;** Slobozhan, Ivan; **Ollikainen, Madis;** Dumas, Marlon Enterprise Applications, Markets and Services in the Finance Industry : 10th International Workshop, FinanceCom 2020, Helsinki, Finland, August 18, 2020, Revised Selected Papers 2020 / p. 43-58 [https://doi.org/10.1007/978-3-030-64466-6\\_3](https://doi.org/10.1007/978-3-030-64466-6_3) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

#### **A scalable knowledge graph embedding model for next point-of-interest recommendation in Tallinn city**

**Ounoughi, Chahinez;** Mouakher, Amira; **Sherzad, Muhammad Ibraheem; Ben Yahia, Sadok** Research Challenges in Information Science : 15th International Conference, RCIS 2021, Limassol, Cyprus, May 11–14, 2021 : proceedings 2021 / p. 435–451 [https://doi.org/10.1007/978-3-030-75018-3\\_29](https://doi.org/10.1007/978-3-030-75018-3_29) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Seamless 5g multi-hop connectivity architecture and trials for maritime applications**

**Lindenbergs, Arturs;** Muehleisen, Maciej; Payaro, Miquel; **Körbe Kaare, Kati;** Zaglauer, Helmut W.; Scholliers, Johan; **Sadam, Arvi; Kuhi, Kristjan;** Nykanen, Lasse Sensors 2023 / art. 4203 <https://doi.org/10.3390/s23094203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Securing airline-turnaround processes using security risk-oriented patterns**

**Samarūtel, Silver;** Matulevičius, Raimundas; **Norta, Alexander; Nõukas, Rein** The Practice of Enterprise Modeling : 9th IFIP WG 8.1. Working Conference, PoEM 2016, Skövde, Sweden, November 8-10, 2016 : proceedings 2016 / p. 209-224  
[https://doi.org/10.1007/978-3-319-48393-1\\_15](https://doi.org/10.1007/978-3-319-48393-1_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Security requirements elicitation from airline turnaround processes**

**Matulevičius, Raimundas; Norta, Alexander;** Samarūtel, Silver Business & information systems engineering : BISE ; the international journal of wirtschaftsinformatik 2018 / p. 3-20 : ill <https://doi.org/10.1007/s12599-018-0518-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Semi-automated integration of domain ontologies to DSL meta-models**

**Haav, Hele-Mai; Ojamaa, Andres** International journal of intelligent information and database systems 2017 / p. 94-116 : ill <https://doi.org/10.1504/IJIDS.2017.086198> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Sensor-location-specific joint acquisition of peripheral artery bioimpedance and photoplethysmogram for wearable applications**

**Metshein, Margus; Abdullayev, Anar;** Gautier, Antoine; Larras, Benoit; Frappe, Antoine; Cardiff, Barry; **Annus, Paul; Land, Raul; Märten, Olev** Sensors 2023 / art. 7111 <https://doi.org/10.3390/s23167111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Smart contracts and void declarations of intent**

**Hoffmann, Thomas** Advanced Information Systems Engineering Workshops : CAiSE 2019 International Workshops, Rome, Italy,

June 3-7, 2019 : proceedings 2019 / p. 168-175 [https://doi.org/10.1007/978-3-030-20948-3\\_15](https://doi.org/10.1007/978-3-030-20948-3_15) [Conference proceeding at Scopus](#)  
[Article at Scopus](#) [Article at WOS](#)

**Soft-switching current-FED flyback converter with natural clamping for low voltage battery energy storage applications**  
**Kosenko, Roman; Vinnikov, Dmitri** Technological Innovation for Smart Systems : 8th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2017, Costa de Caparica, Portugal, May 3–5, 2017 : proceedings 2017 / p. 429–436 [https://doi.org/10.1007/978-3-319-56077-9\\_42](https://doi.org/10.1007/978-3-319-56077-9_42) [Conference proceedings at Scopus](#) [Article at Scopus](#)  
[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](#)

**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](#)

**Supply chain quality improvement based on customer compliance**  
Maas, Rene; Shevtshenko, Eduard; **Karaulova, Tatjana** Technological Innovation for Connected Cyber Physical Spaces : 14th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2023, Caparica, Portugal, July 5–7, 2023 : proceedings 2023 / p. 230 - 242 [https://doi.org/10.1007/978-3-031-36007-7\\_17](https://doi.org/10.1007/978-3-031-36007-7_17) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**A survey on UAV computing platforms : a hardware reliability perspective**  
**Ahmed, Faisal; Jenihhin, Maksim** Sensors 2022 / art. 6286 <https://doi.org/10.3390/s22166286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A systematic review of cutting-edge radar technologies : applications for unmanned ground vehicles (UGVs)**  
**Ersü, Can; Petlenkov, Eduard; Janson, Karl** Sensors 2024 / art. 7807 <https://doi.org/10.3390/s24237807> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Systematic review of fault tolerant techniques in underwater sensor networks**  
**Vihman, Lauri; Kruusmaa, Maarja; Raik, Jaan** Sensors 2021 / art. 3264 <https://doi.org/10.3390/s21093264> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Systematic support for full knowledge management lifecycle by advanced semantic annotation across information system boundaries**  
**Pattanaik, Vishwajeet; Norta, Alexander; Felderer, Michael; Draheim, Dirk** Information Systems in the Big Data Era : CAiSE Forum 2018, Tallinn, Estonia, June 11-15, 2018 : proceedings 2018 / p. 66–73 [https://doi.org/10.1007/978-3-319-92901-9\\_7](https://doi.org/10.1007/978-3-319-92901-9_7) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Systemic change, open data ecosystem performance improvements, and empirical insights from Estonia: A country-level action research study**  
**McBride, Keegan David Braun; Olesk, Maarja; Kütt, Andres; Shysh, Diana** Information Polity 2020 / p. 377-402  
<https://doi.org/10.3233/IP-190195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A taxonomy of knowledge risks for healthcare organizations**  
**Hammoda, Basel Osama Sayed Ahmed; Durst, Susanne** Vine journal of information and knowledge management systems 2022 / p. 354-372 <https://doi.org/10.1108/VJKMS-07-2021-0114> [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](#)

**Testing the applicability of digital decision support on a nationwide EHR**  
**Metsallik, Janek; Ross, Peeter** Digital Economy. Emerging Technologies and Business Innovation : 6th International Conference on Digital Economy, ICDEc 2021, Tallinn, Estonia, July 15–17, 2021 : proceedings 2021 / p. 134–146 [https://doi.org/10.1007/978-3-030-92909-1\\_9](https://doi.org/10.1007/978-3-030-92909-1_9) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**The e-LocGov model for introducing e-governance into local governments : an Estonian case study**  
**Pappel, Ingrid; Tsap, Valentyna; Draheim, Dirk** IEEE Transactions on Emerging Topics in Computing 2021 / p. 597-611  
<https://doi.org/10.1109/TETC.2019.2910199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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

### **The History of IGIP**

Polyakova, Tatiana; Prikhodko, Viacheslav; Rüttnann, Tiia; Auer, Michael E. The International Society for Engineering Pedagogy: 1972–2022 2023 / p. 1-31 [https://doi.org/10.1007/978-3-031-19890-8\\_1](https://doi.org/10.1007/978-3-031-19890-8_1) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **The impact of the natural level of blood biochemicals on electroencephalographic markers in healthy people**

Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Pöld, Toomas; Bachmann, Maie Sensors 2024 / art. 7438  
<https://doi.org/10.3390/s24237438> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The most prominent software development concepts cited in IT professionals' blogs**

Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 [https://doi.org/10.1007/978-3-319-21915-8\\_13](https://doi.org/10.1007/978-3-319-21915-8_13) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **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](#)

### **Thermal analysis of a disposable, instrument-free DNA amplification lab-on-a-chip platform**

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Sensors 2018 / art. 1812, 13 p. : ill <https://doi.org/10.3390/s18061812> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Total interpretive structural modelling (TISM) and MICMAC approach in analysing knowledge risks in ICT-supported collaborative project**

Foli, Samuel Vine journal of information and knowledge management systems 2022 / p. 394-410 <https://doi.org/10.1108/VJKMS-09-2021-0205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach**

Tepandi, Jaak; Grandry, Eric; Fieten, Sander; Draheim, Dirk; Piho, Gunnar The Practice of Enterprise Modeling : 12th IFIP Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27–29, 2019 : proceedings 2019 / p. 103-117 [https://doi.org/10.1007/978-3-030-35151-9\\_7](https://doi.org/10.1007/978-3-030-35151-9_7) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Towards efficient wireless body area network using two-way relay cooperation**

Waheed, Maham; Ahmad, Rizwan; Alam, Muhammad Mahtab Sensors 2018 / art. 565, 23 p. : ill <https://doi.org/10.3390/s18020565> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Towards process-aware cross-organizational human resource management**

Cabanillas, Christina; Norta, Alexander Enterprise, Business-Process and Information Systems Modeling : 15th International Conference, BPMDS 2014, 19th International Conference, EMMSAD 2014, Held at CAiSE 2014, Thessaloniki, Greece, June 16-17, 2014 : proceedings 2014 / p. 79-93 : ill [https://doi.org/10.1007/978-3-662-43745-2\\_6](https://doi.org/10.1007/978-3-662-43745-2_6) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups**

Roost, Mart; Taveter, Kuldar; Rava, Karin; Tepandi, Jaak; Piho, Gunnar; Kuusik, Rein, inform.; Õunapuu, Enn Advanced Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17-21, 2013 : proceedings 2013 / p. 1-15 [https://doi.org/10.1007/978-3-642-38490-5\\_1](https://doi.org/10.1007/978-3-642-38490-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **TrajectoryNAS: a neural architecture search for trajectory prediction**

Sharifi, Ali Asghar; Zoljodi, Ali; Daneshtalab, Masoud Sensors 2024 / 15, p. : ill <https://doi.org/10.3390/s24175696> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 from self-organized criticality into self-organization during sliding Si3N4 balls against nanocrystalline diamond films**

Bogatov, Andrei; Podgurski, Vitali; Vagiström, Heinar; Yashin, Maxim; Shaikh, Asad Alamgir; Viljus, Mart; Menezes, Pradeep; Gershman, Iosif Entropy 2019 / art. 1055 ; 12 p <https://doi.org/10.3390/e21111055> [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 digitaalset ebavõrdsust [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Unpacking algorithms as technologies of power : Syrian refugees and data experts on algorithmic governance**

Kasapoglu, Tayfun; **Masso, Anu; Calzati, Stefano** Digital Geography and Society 2021 / art. 100016  
<https://doi.org/10.1016/j.diggeo.2021.100016> [Journal metrics at Scopus](#) [Article at Scopus](#)

**User experience during an immersive virtual reality-based cognitive task : a comparison between Estonian and Italian older adults with MCI**

Mondellini, Marta; Arlati, Sara; Gapeyeva, Helena; Lees, Kairi; Märitz, Ingrid; **Pizzagalli, Simone Luca; Otto, Tauno**; Sacco, Marco; Teder-Braschinsky, Anneli Sensors 2022 / art. 8249 <https://doi.org/10.3390/s22218249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Validation of wired and wireless interconnected body sensor networks**

Talpur, Anum; Shaikh, Faisal Karim; Baloch, Natasha; Felemban, Emad; Khelil, Abdelmajid; **Alam, Muhammad Mahtab** Sensors 2019 / art. 3697, 23 p. : ill <https://doi.org/10.3390/s19173697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Bendouch, Mounir M.; Frasinca, 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](#)