

Blockchain technology's effects on big data in maritime transportation

Paladin, Zdravko; **Bauk, Sanja**; Mujalovic, Rasim; Kapidani, Nexhat; Lukšić, Žarko 2024 28th International Conference on Information Technology (IT) 2024 / 7 p <https://doi.org/10.1109/IT61232.2024.10475774>

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>

Data science techniques for cryptocurrency blockchains

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

DatApollo : Orchestration of serverless functions for scalable data mining

Shahin, Mahtab; Bertl, Markus; Janatian, Nasim; Aznar-Poveda, Juan; Shah, Syed Attique; Fahringer, Thomas; **Arakkal Peious, Sijo**; **Draheim, Dirk** IEEE Access 2025 / p. 142813-142828 <https://doi.org/10.1109/ACCESS.2025.3591712>

Decoding the smart city

Vainio, Teija; Hodson, Elise; Sayún, Michel Nader; **Soe, Ralf-Martin** Interaction design and architecture(s) 2021 / p. 59-62 <https://doi.org/10.55612/s-5002-050-002pfs> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting Simpson's paradox : a step towards fairness in machine learning

Sharma, Rahul; **Kaushik, Minakshi**; **Arakkal Peious, Sijo**; **Bertl, Markus**; Ankit, Vidyarthi; Ashwani, Kumar; **Draheim, Dirk** New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 67-76 : ill https://doi.org/10.1007/978-3-031-15743-1_7 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Distributed scalable association rule mining over Covid-19 data

Shahin, Mahtab; **Inoubli, Wissem**; Shah, Syed Attique; **Ben Yahia, Sadok**; **Draheim, Dirk** Future Data and Security Engineering : 8th International Conference, FDSE 2021, Virtual Event, November 24–26, 2021 : proceedings 2021 / p. 39-52 https://doi.org/10.1007/978-3-030-91387-8_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Efficiency experiments on Hadoop and Giraph with PageRank

Koschel, Arne; Heine, Felix; **Astrova, Irina**; Korte, Fred; Rossow, Thomas; Stipkovic, Sebastian 24th Euromicro International Conference on Parallel, Distributed, and Network-Based Processing : PDP 2016 : 17-19 February 2016, Heraklion, Crete, Greece : proceedings 2016 / p. 328-331 : ill <https://doi.org/10.1109/PDP.2016.49>

An efficient roadside unit deployment method for vehicular ad-hoc networks

Ben Chaabene, Seif; Yeferny, Taoufik; **Ben Yahia, Sadok** Procedia computer science 2020 / p. 771-780 <https://doi.org/10.1016/j.procs.2020.09.072> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

"End of Theory" in the era of big data : methodological practices and challenges in social media studies

Masso, Anu; Männiste, Maris; Siibak, Andra Acta Baltica historiae et philosophiae scientiarum 2020 / p. 33-61 : ill <https://doi.org/10.11590/abhps.2020.1.02> https://www.ester.ee/record=b2941458*est [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Existence of the Yule-Simpson effect : an experiment with continuous data

Sharma, Rahul; **Kaushik, Minakshi**; **Arakkal Peious, Sijo**; **Shahin, Mahtab**; Vidyarthi, Ankit; **Draheim, Dirk** Proceedings of the Confluence 2022 : 12th International Conference on Cloud Computing, Data Science & Engineering, 27-28 January 2022 : Virtual 2022 / p. 351-355 <https://doi.org/10.1109/Confluence52989.2022.9734211>

Finnish Meteorological Institute's open data mining tool

Giudici, Andrea; **Soomere, Tarmo** 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 59-62

Harnessing cloud scalability to hadoop clusters

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

Linked data connections with emerging information technologies: A survey

Haav, Hele-Mai International journal of computer science and applications 2014 / p. 21-44 : ill https://www.researchgate.net/publication/272375984_Linked_data_connections_with_emerging_information_technologies_A_survey [Journal metrics at Scopus](#) [Article at Scopus](#)

Megatrend and intervention impact analyzer for jobs : a visualization method for labor market intelligence

Õpik, Rain; Kirt, Toomas; Liiv, Innar Journal of official statistics 2018 / p. 961-979 : ill <https://doi.org/10.2478/jos-2018-0047>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Non-determinism in nowadays computing and IT

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

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

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

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

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

Profit analytics in disruption risk for electrical energy supply network considering cost-oriented big data

Fazlollahabbar, Hamed; **Ahmadihangar, Roya** Energy and Environment 2024 <https://doi.org/10.1177/0958305X231225599> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regional capabilities to tackle climate change : setting a research agenda for big data driven tools

Bzhalava, Levan; Makkonen, Teemu Networks, Markets & People : Communities, Institutions and Enterprises Towards Post-humanism Epistemologies and AI Challenges, Volume 5 2024 / p. 30-37 https://doi.org/10.1007/978-3-031-74704-5_4 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Scalable Hadoop-based infrastructure for big data analytics

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

The social imaginaries on governance through data: Q-methodological analysis of data professionals' views in the field of mobility

Masso, Anu; Männiste, Maris; Calzati, Stefano Futures 2023 / art. 103199 <https://doi.org/10.1016/j.futures.2023.103199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solving big data : distributing computation among smart devices

Preden, Jürjo-Sören; Pahtma, Raido; Tomson, Timo; Mõtus, Leo Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 269-280 : ill

Solving big data : distributing computation among smart devices

Preden, Jürjo-Sören; Pahtma, Raido; Tomson, Timo; Mõtus, Leo Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 245-258 : ill <https://doi.org/10.3233/978-1-61499-458-9-245>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Using machine learning to develop customer insights from user-generated content

Mustak, Mekhail; Hallikainen, Heli; Laukkanen, Tommi; Ple, Loïc; **Hollebeek, Linda Desiree**; Aleem, Majid Journal of retailing and consumer services 2024 / art. 104034, 14 p. : ill <https://doi.org/10.1016/j.jretconser.2024.104034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Why not to trust big data : discussing statistical paradoxes

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab; Vidyarthi, Ankit; Tiwari, Prayag; **Draheim, Dirk** Database Systems for Advanced Applications : DASFAA 2022, International Workshops BDMS, BDQM, GDMA, WBT, MATQTDS, and PMBD, Virtual Event, April 11-14, 2022 : proceedings 2022 / p. 50-63 : ill https://doi.org/10.1007/978-3-031-11217-1_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)