Cloud computing: serverless
Koschel, Arne; Bertram, Marvin; Bischof, Richard; Schulze, Kevin; Schaaf, Marc; **Astrova, Irina** 12th International Conference on Information, Intelligence, Systems & Applications (IISA), 12-14 July 2021 : proceedings 2021 / art. 21201275, 7 p. : ill https://doi.org/10.1109/IISA52424.2021.9555534

Comparison of DBaaS Architectures
Astrova, Irina; Koschel, Arne; Eickemeyer, Chris; Offel, Norman 2018 9th International Conference on Information, Intelligence, Systems and Applications (IISA 2018) : Zakynthos, Greece, 23-25 July 2018 2018 / p. 1-5 : ill https://doi.org/10.1109/IISA.2018.8633590

DBaaS comparison : Amazon vs. Microsoft
Astrova, Irina; Koschel, Arne; Eickemeyer, Chris; Kersten, Jan; Offel, Norman International Conference on Information Society (i-Society 2017) 2017 / p. 15-21 http://doi.org/10.23919/i-Society.2017.8354663

Dealing with data streams: Complex event processing vs. data stream mining
Lange, Moritz; Koschel, Arne; **Astrova, Irina** Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 3-14 https://doi.org/10.1007/978-3-030-58811-3_1 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

Development support for intelligent systems : test, evaluation, and analysis of microservices
Perbandt, Charline von; Tyca, Matthias; Koschel, Arne; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 1 2022 / p. 857-875 https://doi.org/10.1007/978-3-030-82193-7_58 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

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

Evaluating RuleCore as event processing network model
Astrova, Irina; Koschel, Arne; Kobert, Sebastian Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1 2019 / p. 297–300 : ill http://doi.org/10.5220/0008192302970300

Evaluating the RESTfulness of "APIs from the Rough"
Koschel, Arne; **Astrova, Irina**; Blankschyn, Maximilian Proceedings of the 15th International Conference on Web Information Systems and Technologies, WEBIST 2019, Vienna, Austria, September 18-20, 2019. Vol. 1 2019 / p. 281-288 https://doi.org/10.5220/0008166802810288

Evaluating time series database management systems for insurance company
Koschel, Arne; **Astrova, Irina**; Alsleben, Stephan-Tobias; Bellok, Jannis; Meyer, Niklas; Meyer, Sebastian 2022 13th International Conference on Information, Intelligence, Systems and Applications (IISA) : proceedings 2022 / 6 p. : ill https://doi.org/10.1109/IISA56318.2022.9904360

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 proceedings at Scopus Article at Scopus

How the apriori algorithm can help to find semantic duplicates in ontology
Astrova, Irina; Koschel, Arne; Lee, Su Ling Knowledge-Based Software Engineering: 2020 : Proceedings of the 13th International Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2020), Larnaca, Cyprus, August 24-26, 2020 2020 / p. 178-191 https://doi.org/10.1007/978-3-030-53949-8_16

IaaS platforms : how secure are they?
Astrova, Irina; Koschel, Arne; Henke, Mats Lennart IEEE 30th International Conference on Advanced Information Networking and Applications Workshops : WAINA 2016 : 23-25 March 2016, Crans-Montana, Switzerland : proceedings 2016 / p. 843-848 : ill https://doi.org/10.1109/WAINA.2016.22

A look at service meshes
Koschel, Arne; Bertram, Marvin; Bischof, Richard; Schulze, Kevin; Schaaf, Marc; **Astrova, Irina** 12th International Conference on Information, Intelligence, Systems & Applications (IISA), 12-14 July 2021 : proceedings 2021 / art. 9555536, 8 p https://doi.org/10.1109/IISA52424.2021.9555536

Making the move to microservice architecture
Koschel, Arne; **Astrova, Irina**; Dötterl, Jeremias International Conference on Information Society (i-Society 2017) 2017 / p. 74-79 : ill http://doi.org/10.23919/i-Society.2017.8354675

Modern build automation for an insurance company tool selection
Lange, Moritz; Tran, Kim Chi; Grunewald, Alexander; Koschel, Arne; Pakosch, Anna; **Astrova, Irina** Procedia computer science 2023 / p. 736-743 : ill https://doi.org/10.1016/j.procs.2023.01.346

Moving Hadoop to the Cloud for Big Data Analytics
Astrova, Irina; Koschel, Arne; Heine, Felix; **Kalja, Ahto** Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. 195-209 https://doi.org/10.3233/978-1-61499-941-6-195 https://www.ester.ee/record=b5203991*est Conference proceedings at Scopus Article at Scopus Article at WOS

Offering Hadoop as a cloud service [Electronic resource]
Astrova, Irina; Koschel, Arne; Henke, Mats Lennart; Nahle, Hassan Proceedings of 2016 SAI Computing Conference : 13-15 July, 2016, London, United Kingdom 2016 / p. 589-595 : ill. [USB] https://doi.org/10.1109/SAI.2016.7556041

On requirements for event processing network models using business event modeling notation
Koschel, Arne; **Astrova, Irina**; Kobert, Sebastian; Naumann, Jan; Ruhe, Tobias; Starodubtsev, Oleg Intelligent Computing : Proceedings of the 2018 Computing Conference. Volume 1 Intelligent Computing 2019 / p. 756-762 https://doi.org/10.1007/978-3-030-01174-1_57 Conference proceedings at Scopus Article at Scopus Article at WOS

On testing microservice systems
Koschel, Arne; **Astrova, Irina**; Bartels, Mirco; Helmers, Mark; Lyko, Marcel Proceedings of the Future Technologies Conference (FTC) 2020 ; vol. 3 2021 / p. 597–609 https://doi.org/10.1007/978-3-030-63092-8_40 Conference Proceedings at Scopus Article at Scopus

Performance benchmarking of NewSQL databases with Yahoo cloud serving benchmark
Astrova, Irina; Koschel, Arne; Wellermann, Nils; Klostermeyer, Philip Proceedings of the Future Technologies Conference (FTC) 2020 ; vol. 2 2021 / p. 271-281 https://doi.org/10.1007/978-3-030-63089-8_17 Article collection metrics at Scopus Article at Scopus

A private cloud for data mining education
Koschel, Arne; Heine, Felix; **Astrova, Irina**; **Astrov, Igor** 2018 Sixth International Conference on Enterprise Systems : ES 2018 : 1–2 October 2018, Limassol, Cyprus : proceedings 2018 / p. 129-133 : ill http://doi.org/10.1109/ES.2018.00027

RESTfulness of APIs in the wild
Koschel, Arne; Blankschyn, Maximilian; Schulze, Kevin; Schöner, Dominuk; **Astrova, Irina**; **Astrov, Igor** 2019 IEEE World Congress on Services : IEEE SERVICES 2019, 8–13 July, 2019 Milan, Italy : proceedings 2019 / art. 8817208 ; p. 382-383 : ill https://doi.org/10.1109/SERVICES.2019.00114

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

Serverless, FaaS and why organizations need them
Astrova, Irina; Koschel, Arne; Schaaf, Marc; Klassen, Samuel; Jdiya, Kerim Intelligent decision technologies 2021 / p. 825-838 https://doi.org/10.3233/IDT-210194 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Using market basket analysis to find semantic duplicates in ontology
Astrova, Irina; Koschel, Arne; Lee, Su Ling Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1–4, 2020 : Proceedings, Part IV 2020 / p. 197-211 https://doi.org/10.1007/978-3-030-58811-3_14 Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS