

14th INTERNATIONAL BALTIC CONFERENCE ON DATABASES AND INFORMATION SYSTEMS

16-19 June 2020

Tallinn, ESTONIA

<https://dbis.ttu.ee>

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IMPORTANT DATES

Paper submission:

March 02, 2020 (Extended)

Author notification: April 6, 2020



BALTIC DB & IS 2020



Call for Papers

Current complex IS and enterprise systems greatly benefit from various AI technologies. On the other hand, data science deals with big data and spatial data to develop methods for data modelling, analysis, mining, and deep learning for various IS like health-care, security, marketing and environmental sustainability. All these new developments must be backed with research in enterprise IS engineering, architectures and security of IS, Web IS, and data and knowledge engineering. With the explosion of data usage scenarios and shifts in computing platforms, data management for and development of modern information systems has become crucial.

CONFERENCE AIM AND OVERVIEW

The International Baltic Conference on Databases and Information Systems is an international forum for exchanging research findings and ideas on the crucial matters on engineering reliable, secure and sustainable information systems with data and data analysis in the central role. The 14th edition of the conference will feature original research and application papers on the theory, design, implementation and security of today's IS on a set of themes and issues.

The Baltic DB&IS 2020 conference will take place in Tallinn, the capital of Estonia, whose picturesque medieval Old Town is known around the world for its well-preserved completeness and authentic Hanseatic architecture. This year, a special **Security day** will be held in Tartu (home to one of Northern Europe's oldest universities) covering the topics of security of data and information systems.

MAIN TOPICS

- Enterprise and Information Systems Engineering
- Web Information Systems
- Architectures and Quality of IS
- Security of Information Systems
- Spatial Data Science
- AI in Information Systems
- Data and Knowledge Engineering

For full list of topics of interest please refer to conference website dbis.ttu.ee.

PAPER SUBMISSION

Authors are invited to submit original unpublished research papers and application experience papers in English in the following categories:

- **Full research papers** describing research accomplishments (up to 14 pages),
- **Short communications** (experience reports, project overviews, etc.) (6-8 pages),
- **Doctoral student papers** (for the Doctoral Consortium, 6-8 pages).

Research papers must be original contributions and must not be accepted or submitted elsewhere until the decisions of the Baltic DB&IS'2020 PC.

Full research papers will be published by **Springer** in the Communications in Computer and Information Science (CCIS) series. Short communications will be submitted for online publication as CEUR Workshop proceedings. Best selected short papers will be published by Springer in CCIS series.

Post-Conference Publishing Opportunity: Authors of best selected papers will be invited to extend their articles to be published in an international scholarly open access electronic journal *Baltic Journal of Modern Computing* (BJMC) (ISSN / E-ISSN: 2255-8950), which is indexed in SCOPUS as of 2020.

Organized by:

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