

Call for Doctoral Consortium Papers

3 July 2022, Riga, Latvia



The 15th International Baltic Conference on Digital Business and Intelligent Systems

is a continuation of the biennial International Baltic conference on Databases and Information Systems (Baltic DB&IS) held since 1994. Inheriting the scope of the previous editions of the conference series, the Baltic DB&IS 2022 conference focuses on the advances of computer science in digital business and intelligent systems and provides a rich environment for exchanging research findings and ideas among scientists, practitioners, and doctoral students from the Baltic Sea region, Europe, and the rest of the world.

Doctoral Consortium of the 15th International Baltic DB&IS Conference

The Baltic DB&IS 2022 Doctoral Consortium is intended to bring together doctoral students working on the crucial matters of engineering reliable, secure and sustainable information systems for digital business and intelligent systems. The Doctoral Consortium will provide PhD students an opportunity to:

- Present their research work in a relaxed and supportive environment;
- Discuss their work and receive constructive feedback and advice from leading researchers;
- Network with peers and future colleagues.

We welcome original unpublished contributions that have not been reviewed elsewhere and are in line with the main conference topics. For full list of topics, please refer to <https://dbis2022.lu.lv/submission/topics/>.

Main topic categories:

- Computer Science Models, Methods, Algorithms, and Tools for Digital Business
- Knowledge and Knowledge Technologies for Digital Business and Intelligent Systems
- IT Support for Digital Transformation
- Artificial Agents and Smart Systems for Digital Business
- Data, Data Science, and Computing for Digital Business and Intelligent Systems

Submissions

We welcome submissions (6-8 pages, Springer LNCS format) solely authored by doctoral students describing their current research. Acknowledgements to the supervisor can be included. The paper must include:

- Introduction and Motivation, identifying a significant problem in the field and its importance,
- Clear formulation of research question(s),
- State of the Art - describing related work or studies,
- Research Method, i.e., research methodology that is applied or planned,
- Results and their evaluation/validation,
- Conclusions.

Papers are submitted through EasyChair: <https://easychair.org/conferences/?conf=balticdbis2022> and must follow the submission format and guidelines of the main conference.

Important Dates

Doctoral Consortium paper submission:	9 March 2022
Notification to authors:	6 April 2022
Doctoral Consortium:	3 July 2022
Main conference:	4-6 July 2022



<https://dbis2022.lu.lv>

Publications of Doctoral Consortium

Accepted Doctoral Consortium papers will be submitted for online publication as CEUR Workshop proceedings (indexed in DBLP). Authors of the best DC papers (written by a doctoral student) are invited to submit an extended version of their paper to international scholarly Gold open access electronic journal Baltic Journal of Modern Computing (BJMC) (ISSN / E-ISSN: 2255-8950, indexed in SCOPUS and Web of Science. The extended version may be co-authored.



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Doctoral Consortium Co-chairs

Tarmo Robal, *Tallinn University of Technology, Estonia*
Diana Kalibatiene, *Vilnius Gediminas Technical University, Lithuania*
Ģirts Karnītis, *University of Latvia, Latvia*

Baltic DB&IS 2022 is being prepared as a physical event held in Riga, with support for your virtual participation.

See you in July in Riga!