

# 17th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2026)

28 June - 1 July, 2026, Tartu, Estonia

## General Co-Chair

**Raimundas Matulevičius**,  
*University of Tartu, Estonia*

**Innar Liiv**, *Tallinn University of  
Technology, Estonia*

## Programme Co-Chairs

**Tarmo Robal**, *Tallinn University of  
Technology, Tallinn, Estonia*

**Anastasija Nikiforova**, *University  
of Tartu, Tartu Estonia*

**Elena Kornyshova**, *Conservatoire  
National des Arts et Métiers (CNAM),  
Paris, France*

## Doctoral Consortium Co-Chairs

**Mubashar Iqbal**, *University of Tartu,  
Estonia*

**Diana Kalibatiėnė**, *Vilnius  
Gediminas Technical University,  
Lithuania*

## Important Dates

### Main conference

**Submission:** 01 March 2026  
extended to: **15 March 2026**

**Notification:** 20 April 2026

**Camera-ready:** 01 May 2026

### Forum:

Submission: 29 March 2026

### Doctoral Consortium:

Submission: 29 March 2026



<https://dbis2026.cs.ut.ee>

The 17th International Baltic Conference on **Digital Business and Intelligent Systems** is an international event dedicated to advancing research, innovation, and practice across the broad spectrum of digital business, intelligent systems, and data-driven technologies, and provides a rich environment for the exchange of research findings and ideas among scientists, practitioners, and doctoral students from the Baltic Sea region, Europe, and the rest of the world.

**Topics of interest include but are not limited to:**

### Models, Methods, and Tools

- Conceptual Modelling, Languages and Design
- Business and Value Models
- Business Analysis and Requirements Engineering
- Business Process Modelling, Optimisation and Automation
- Simulation and Digital Twins
- Information Systems Engineering

### Knowledge and Knowledge Technologies

- Machine Learning (ML) and Artificial Intelligence (AI) for Data-driven Systems
- Information Retrieval (IR) and Text Analytics
- Knowledge Graphs, Semantic Web, and Semantic Technologies
- Natural Language Processing (NLP)
- Cognitive Computing and Decision-Support Systems
- Advanced Knowledge Management (knowledge representation, including ontologies and reasoning)
- Engineering Education, including Computational Thinking for STEM

### Approaches for Digitalisation

- Strategies and Frameworks for Digital Transformation
- Security Risk Management and Fraud Detection
- Uncertainty Management
- Agile, Agile at Scale, and DevOps for system development
- Measuring and Assessing Digital Transformation Success

### Intelligent Systems and Applications

- Trustworthy and Human-Centred Computing
- Artificial Agents and Human-Computer Interaction (HCI)

- Privacy in Intelligent Systems
- Generative AI and LLMs
- Intelligent Platforms and Infrastructures for Digital Business
- Digitalisation of critical domains (education, healthcare, agriculture, smart cities, e-governance, etc.)

### Data, Data Science, and Computing

- Data Mining, Analytics, and Storage, including Data Architecture
- Big Data, Temporal Data, Geospatial Data Management
- Business Intelligence and Information Visualisation
- Data-Driven Systems
- Computational Modelling and Simulation
- Knowledge-Based Computing

### Emerging Technologies and Innovation

- Blockchain and Distributed Ledger Technologies (DLT) for Business Applications
- Cyber-Physical Systems (CPS) and IoT
- Quantum and Post-Quantum Computing for Business Applications
- Augmented, Virtual and Mixed Reality (AR/VR/MR) for Business and Decision Support
- Sustainability, Green IT and Responsible Innovation

### Practice, Ethics, and Case Studies

- Best Practice Reports in Implementing Digital Business and Intelligent Systems
- Digitalisation Challenges in Enterprise Ecosystems
- Responsible AI and Ethical AI
- Privacy, Ethics, Trust and Transparency in Intelligent Systems
- Case Studies in Digital Transformation and Intelligent Systems