



**17th International Baltic Conference on Digital Business and Intelligent Systems**

## **Baltic DB&IS Conference Forum and Doctoral Consortium 2026 Proceedings**

28 June – 01 July 2026, Tartu, Estonia

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This volume of CEUR-WS Proceedings contains twelve Baltic DB&IS 2026 Conference Forum and seven Doctoral Consortium papers presented at the 17th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2026). The conference was held in Tartu, Estonia, 28 June - 1 July 2026.

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## Preface

The 17th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2026) was held in Tartu, Estonia, from June 28 to July 1, 2026. Co-organised by the University of Tartu, Tallinn University of Technology, and Conservatoire National des Arts et Métiers (CNAM), this Baltic DB&IS edition was held at the University of Tartu Delta Center.

In addition to the main conference program and invited keynote talks, the conference featured a Forum and a Doctoral Consortium. These proceedings include the papers presented at these two events.

The aim of the conference Forum, held on 30 June 2026, was to provide a platform for researchers and practitioners to present new ideas, case studies, and exploratory work and to receive early feedback from the community. The submissions underwent a rigorous single-blind review process and were evaluated by at least three members of the International Program Committee. The selected works were distinguished by the originality of their ideas and their potential to stimulate further research and discussion. As a result, 12 papers were selected for presentation at the Baltic DB&IS 2026 conference Forum and are included in these proceedings.

The Doctoral Consortium, held on the first day of the conference, on 28 June 2026, offered PhD students the opportunity to present their research to senior researchers (mentors) and peers with diverse academic and industrial backgrounds. The event provided a supportive, open environment for young researchers to discuss their work, receive constructive feedback, and further develop their scientific writing and presentation skills. The Doctoral Consortium also facilitated networking and the establishment of connections with peers and future colleagues. Each submission was reviewed by at least three senior researchers. Of the 12 submissions received, 7 were accepted and included in these proceedings.

We are grateful to the members of the Program Committee and the mentors of the Doctoral Consortium for their invaluable efforts in reviewing, evaluating, and selecting the papers. We also thank all authors for sharing their work with the conference, as well as all presenters and participants whose questions, comments, and discussions contributed to the success of the Forum and the Doctoral Consortium. We hope that the papers collected in these proceedings will inspire new ideas, foster future collaborations, and stimulate further research in the field.

June 2026

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