

**INTERNATIONAL INFORMATION TECHNOLOGY
UNIVERSITY JSC**

1ST INTERNATIONAL WORKSHOP ON APPLICATION OF IMMERSIVE TECHNOLOGY 2025

AIT 2025

Proceedings of the 1st International Workshop on Application of
Immersive Technology 2025

March 5, 2025

Almaty, Kazakhstan

Preface

The 1st International Workshop on Application of Immersive Technology (AIT 2025) was successfully held on March 5, 2025 in Almaty, Kazakhstan, at the International Information Technology University in a hybrid (offline and online) format. AIT 2025 served as a dynamic platform for exploring the latest advancements and real-world applications of immersive technologies—including augmented reality (AR), virtual reality (VR), and mixed reality (MR)—across education, research, and industry.

The purpose of the workshop was to foster collaboration, spark meaningful discussions, and highlight emerging trends in immersive computing. Key focus areas included breakthroughs in AR/VR/MR technologies, applications of computer modeling and simulation, designing immersive experiences for training, healthcare, entertainment, and culture, as well as addressing technical and theoretical challenges in XR development.

The workshop received submissions in two categories: Regular papers (minimum 10 standard pages) and Short papers (5–9 pages), all prepared according to the provided EasyChair template and intended for indexing in SCOPUS, Google Scholar, and DBLP.

AIT 2025 was made possible thanks to the efforts of its committees:

- Tech Committee: Dana Tsoy, Aigerim Seitnur, Umitkhan Turzhanov, Samat Mukhanov, Zhiger Bolatov
- Organizing Committee: Diana Smagul, Otkilbaev Sanzhar, Miras Uali, Darian Gabdullin
- Program Committee: Yevgeniya Daineko, Madina Ipalakova, Lucio De Paolis, Madina Mansurova, Zakaria Maamar, Shadi Aljavarneh, Orken Mamyrbayev, Agariadne Dwinggo Samala

The Conference received 13 submissions, and 13 of them were selected for publication. Scientists from all over Kazakhstan, as well as representatives of the industry, took an active part in the event.

We would like to extend our sincere gratitude to all authors, reviewers, presenters, and participants for their valuable contributions and enthusiastic engagement.

Editor

Kateryna Kolesnikova

Committee

Conference Chair

Y. Daineko, International Information Technology University, Almaty, Kazakhstan

The 1st International Workshop on Application of Immersive Technology

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