

**INTERNATIONAL INFORMATION TECHNOLOGY  
UNIVERSITY JSC**

**CYBERSECURITY,  
INFOCOMMUNICATION SYSTEMS AND  
NETWORKS**

**CISN 2025**

Proceedings of the Workshop

**November 19-20, 2025**

**Almaty, Kazakhstan**

## **Preface**

The Workshop on Cybersecurity, Infocommunication Systems and Networks (CISN 2025) was successfully held on November 19-20, 2025, in Almaty, Kazakhstan at the International Information Technology University in the offline format.

The Workshop goal was to create a professional platform for discussing current scientific research, innovative technologies, and applied solutions in the field of cybersecurity, infocommunication systems, and networking technologies.

The Workshop received 23 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. In addition, researchers from such countries as Ukraine, Malaysia, Bulgaria also made their contributions.

We would like to express our gratitude and appreciation to all the participants of CISN 2025 and the Organizing and Program Committee.

### **Editors**

Kateryna Kolesnikova

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