

Preface

Applied Information Systems and Technologies in the Digital Society (AISTDS-2025) is a leading international platform that brings together researchers and practitioners in the field of computer science, particularly in the field of applied information systems and technologies. The aim of the AISTDS conference covers the following aspects: knowledge and experience exchange as a platform for sharing scientific knowledge, innovations, experience and best practices in the field of applied information systems and technologies; development of the digital society as a discussion of the impact of information technologies on various aspects of modern society, such as the digital economy, digital education, digital healthcare, digital science, digital services and other spheres of human activity in the process of digitalization of society; applied information systems and technologies in transport, machine building, agriculture, financial, banking, energy, medicine, information security in applied information systems and technologies, advanced information systems and technologies at information and communication networks, problematic legal and economic aspects of digital technologies, development of innovations and new technologies as a presentation of technologies and solutions in the field of applied information systems, in particular with the use of artificial intelligence, big data, cloud technologies, blockchain, etc., which will facilitate research in the field of applied information systems and technologies and stimulate cooperation between universities, research centers and companies.

The collection includes papers peer-reviewed, selected by the program committee and presented at the 8th International Research Conference Applied Information Systems and Technologies in the Digital Society (AISTDS-2025, October 01, Kyiv, Ukraine).

The conference was held as a video conference using the Zoom platform by topics:

- Applied information systems and technologies in the digital economy.
- Applied information systems and technologies in transport, agriculture, financial, banking, energy, and medicine.
- Applied intelligent information systems and technologies.
- Applied information systems and technologies in education, science.
- Information security in applied information systems and technologies.
- Advanced information systems and technologies in communication networks.
- Problematic legal and economic aspects of the use of digital technologies.

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