

🌐 Lithuania 📅 October 16-17, 2025

CONFERENCE WEBSITE: <https://icist.ktu.edu/>

| About the Conference

The main aim of this event is to give the best Lithuanian information technology (IT) researchers and practitioners the opportunity to meet with their colleagues from abroad, share their latest research findings and introduce them to the international scientific community.

Authors are invited to submit their papers in English. Submissions must be original and should not have been published previously. All papers will be reviewed by the ICIST 2025 Program Committee and judged with respect to their quality, originality and relevance.

SPECIAL SESSION INTELLIGENT METHODS FOR DATA ANALYSIS AND COMPUTER AIDED SOFTWARE ENGINEERING

- Application of Intelligent Methods to Investigation of Financial Markets;
- Financial Risk Management and Research;
- Enterprise Modelling and Knowledge Based Information Systems Engineering;
- Advances in CASE Tools;
- Knowledge Discovery in Social or Complex

Important Dates

OCT
16

CONFERENCE
DATE
**October
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2025**

Networks;

- Big Data Analytics, Quality and Management;
- Data, Text, Web or Process Mining Methods;
- Visualization of Business or Big Data Analytics;
- Economic Issues of Business or Big Data

Analytics;

- Business Analysis for Mobile, Cloud or Multimedia Applications.

SPECIAL SESSION INTELLIGENT SYSTEMS AND SOFTWARE ENGINEERING ADVANCES

- Computational Intelligence Methods and Applications;
- Modeling and Applied Mathematics in Various Aspects of Computational Intelligence;
- Computational Intelligence in Graphics, Multimedia and Vision Systems;
- Computational Intelligence in General Positioning, Civil Engineering;
- Computational Intelligence for Robotics and Automatics;
- Computational Intelligence for Augmented Reality and Virtual Reality Models and Applications;
- Code Quality, Data Management, Testing and Separation of Concerns (SoC);
- Intelligent Software, Algorithms and Methods for Large Scale Systems.

SMART E-LEARNING TECHNOLOGIES AND APPLICATIONS

- Smart E-Learning: Concepts, Strategies, and Approaches;
- Educational Applications of Smart technology and

Smart Systems;

- Smart Technology-based Educational Software and Hardware Systems;
- Intelligent Tutoring Systems Internet-of-Things (IoT) in E-Learning;
- Web 3.0-based Learning;
- Massive Open Online Courses (MOOCs);
- Best Practices and Case Studies on E-Learning.

LANGUAGE TECHNOLOGIES

- Natural Language Processing (tagging systems, stemming, parsing and syntactical analysis, corpus-based language engineering);
- Natural Language Understanding (text analysis, ontology, formal semantics);
- Language-based Knowledge Engineering (text and data mining, knowledge acquisition, knowledge representation and reasoning);
- Cognitive models and AI techniques (graph based models, semantic nets, neural networks, and cognitive maps);
- Language Generation (dialogue-based systems, creative and writing systems, language synthesis, translation);
- Multi-modal Computational Linguistics (speech recognition, speech-text conversions, speech analysis and textual tagging);
- Applications and Systems (search and information retrieval, web applications, forensics, cognitive systems).

E-HEALTH INFORMATION SYSTEMS

- Electronic health record (EHR) systems;
- Healthcare Management Systems;

- eHealth knowledge management;
- Patient data security, privacy and reliability;
- Performance evaluation of eHealth systems;
- Quality of eHealth Information Management Systems;
- eHealth and telemedicine systems in clinical practice;
- eHealth and telemedicine practice in health research;
- Health care management issues using eHealth.

CYBER SECURITY

- Application Security;
- Information Security;
- Network Security;
- Disaster Recovery Planning;
- Operational Security;
- End User Education;
- Security Compliance;
- Wireless and Mobile Security;
- Identity Management;
- Cloud Security.

BLOCKCHAIN TECHNOLOGIES

- Blockchain Technologies;
- Cryptocurrencies;
- Smart Contracts;
- Performance;
- Security and Privacy Concerns;
- Legal and Organizational Issues;
- Industry Applications;
- Key and Innovative Theories, Methodologies, Schemes and Technologies of Blockchain and AI;

- Architectures and Platforms for Blockchain and AI
- Sensors and Devices for Blockchain.

 **TOPICS OF INTEREST**


4 topics

Research papers are invited in, but not limited to, the following areas:

 Data Science & Analytics

 Cybersecurity & Privacy

Telecommunications

Artificial
 Intelligence & Machine Learning