



# ICAT

## 2025

# CALL FOR PAPERS

Nestled between East and West, Sarajevo welcomes you to the **30th ICAT** (International Conference on Information, Communication and Automation Technologies) conference from **September 2-4, 2025**. For over five decades, ICAT has brought together researchers, engineers, and industry professionals to share insights and shape the future of technology. **Join us in this vibrant setting to present your latest research and exchange ideas.**

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All papers for technical symposia should be submitted via EDAS.

We welcome submissions across a broad spectrum of research areas, encompassing both theoretical studies and practical systems research. The topics of interest include, but are not limited to:

**Artificial Intelligence, Data Science, and Emerging Technologies:**

- Deep Learning, Neural Networks, and Reinforcement Learning
- Graph Neural Networks, Knowledge Graphs, and Complex Systems
- Generative AI, Large Language Models, and Multimodal AI
- AI for Robotics, Automation, and Intelligent Systems
- Cloud Computing, Distributed AI, and High-Performance Computing
- Internet of Things (IoT), Edge AI, and Embedded System

**Software Engineering and Information Systems:**

- Agile, DevOps, CI/CD and Software Evolution
- Microservices, Cloud-Native Architectures & Serverless Computing
- Software Testing, Debugging and Quality Assurance
- IS Development Methodologies and Enterprise Systems
- Human-Computer Interaction (HCI) and UX in Software Design
- Cybersecurity and Privacy

**Communication and Information Technologies:**

- Wireless and Mobile Networks (5G/6G, IoT, Edge Computing)
- Software-Defined Networking (SDN) and Network Function Virtualization (NFV)
- Smart Cities, IoT, and Industrial Communication
- Information Theory and Data Encoding
- Cross-Layer Network Optimization & Edge Computing
- Intelligent and Cognitive Radio Networks

**Control Systems and Power Engineering:**

- Robotics, motion control, and mechatronics
- Intelligent control systems and automation
- Nonlinear and adaptive control methodologies
- Modeling and simulation of power electronic systems for industrial automation
- Energy conversion and efficiency in power systems
- Power electronics for renewable energy and grid applications
- Design and Control of Electric Machines and Drives
- Advanced Power System Analysis, Optimization, and Stability

**Submission Guidelines:**

Full papers should be no longer than 6 pages in a double-column format including tables, figures and references. Extended abstracts less than 2 pages are also accepted, provided that the camera ready is a full paper.

Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

To submit a paper, please follow the instructions at  
<https://icat.etf.unsa.ba/2025/submissions>

**Important dates:**

**Paper submission deadline:**

May 15, 2025

**Notification of acceptance:**

July 15, 2025

**Camera-ready papers due:**

August 1, 2025

**Industrial Sessions**

**Submissions:**

May 15, 2025

**Notification of Acceptance:**

April 15, 2025

**Tutorials, Workshops  
& Special Sessions**

**Submissions:**

May 15, 2025

**Notification of Acceptance:**

April 15, 2025