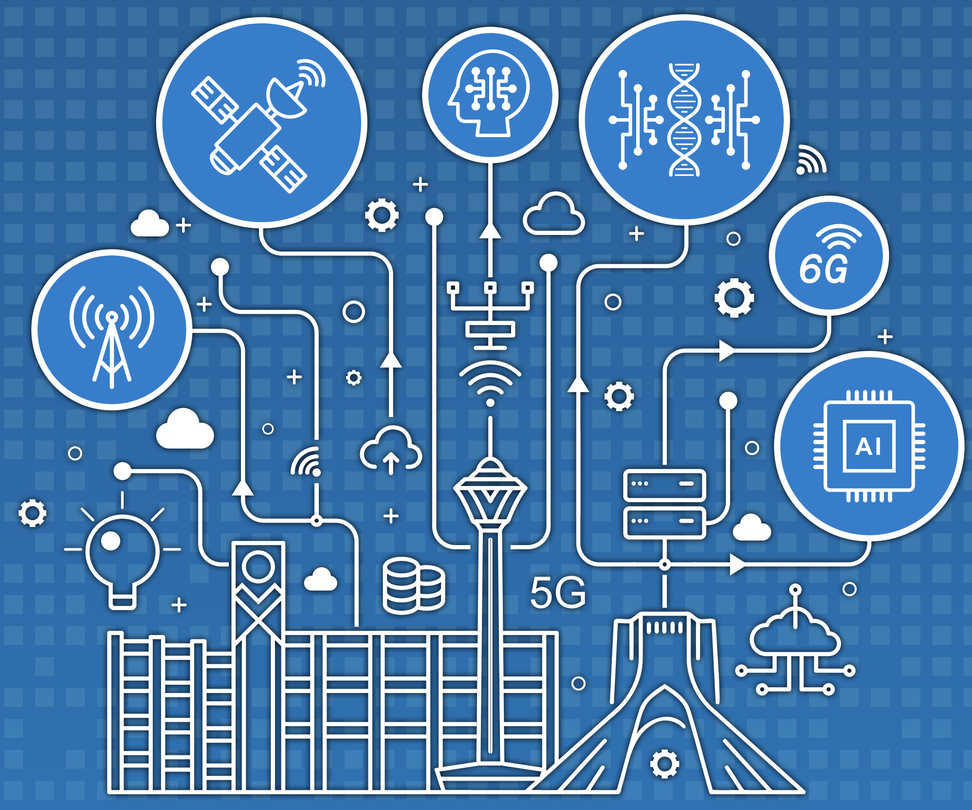
IWCIT 2027

15th Iran Workshop on Communication and Information Theory

Sharif University of Technology, Tehran, Iran



Call for Papers

May 11th-13th 2027

The 15th Iran Workshop on Communication and Information Theory (IWCIT) will take place on May 11th to 13th, 2027, and consist of in-person sessions only, with the possibility of online presentation for abroad speakers and authors. This event is organized by Sharif University of Technology, Tehran, Iran. IWCIT features world-class speakers, plenary talks, professional tutorials, and technical sessions on a diverse range of fundamental and applied topics in communication and information theory. Prospective authors are invited to submit high-quality, original, and unpublished contributions to IWCIT 2027. All submitted papers will be subject to peer review. The scope of the workshop includes (but not limited to) the following topics:

Information Theory
- Shannon Theory
- Complexity and Computation Theory
- Information Theoretic Security and Privacy
- Multi-Terminal Information Theory
- Quantum Information Theory

Communication Theory
- Network Resource Management and Scheduling
- Molecular and Nano Communications
- Optical Communications
- Quantum Communications
- Semantic Communication
- New Concepts in 6G Mobile Networks
- Integrated Sensing and Communication

Coding Theory and Beyond
- Sparse Coding
- Coding Algorithms
- Distributed Computing and Storage

Theoretical Data Analysis and Artificial Intelligence
- Machine Learning and Deep Neural Networks
- Distributed and Federated Learning
- Trustworthy Machine Learning and AI
- Transfer Learning

Applications
- Information Theoretic Biology and Genomic Systems
- IoT and Networked Systems
- Natural Language Processing Models
- Signal Processing in Communications
- Machine Learning in Communications
- Cryptography, Privacy, and Security
- Blockchain and Distributed Systems

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Feb. 4th 2027

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Camera Ready & Video Submission:
Apr. 23rd 2027

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