

IWCIT 2020

Iran Workshop on Communication and Information Theory Sharif University of Technology, Tehran, Iran

Azadi Tower, Tehran, Iran

Photo by Arash Amini, Faculty member at SUT

26-28 May 2020

Call for Papers

The eighth Iran Workshop on Communication and Information Theory will take place at Sharif University of Technology, on May 26-28, 2020, Tehran, Iran. Interested authors are invited to submit their original and previously unpublished contributions to IWCIT 2020. The scope of the workshop includes the following topics:

Shannon Theory

- Complexity and Computation Theory
- Information Theoretic Security and Privacy
- Multi-Terminal Information Theory
- Quantum Information Theory
- Data Compression and Source Coding

Coding Theory and Beyond

- Compressed Sensing and Sparsity
- Network Coding
- Distributed Computing and Storage
- Polar Codes
- Graph-Based Codes

Information Theoretic Data Analysis

- Information Theory and Statistics
- Big Data Analysis
- Information Theory and Learning

Communication Theory

- Network Resource Management and Scheduling
- Molecular and Nano Communications
- Optical and Quantum Communications
- Communication Network Modeling
- Theoretical Concepts in 5G and Beyond
- Machine Learning for Communication

Applications of Information Theory

- Information Theory in Biology
- Information Theory in Networked Systems
- Foundations of Networked Control Systems
- Information Theory and Signal Processing
- Foundations of Cryptography and Security



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Important Dates

- Paper Submission:
~~February 24th, 2020~~
March 9th, 2020
- Notification of Acceptance:
April 20th, 2020
- Camera Ready Submission:
May 4th, 2020