

16-18 October

ISCIT 2023

Sydney, Australia



22nd International Symposium on Communications and Information Technologies

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CALL FOR PAPERS AND PROPOSALS

The 22nd International Symposium on Communications and Information Technologies (ISCIT2023) will be held in Sydney, Australia. Under the technical sponsorship of IEEE and IEEE Circuits and Systems Society, ISCIT2023 will provide a forum for researchers, engineers and industry experts to exchange and discuss new ideas, recent development, and break-throughs in communications and information technologies. ISCIT2023 will also offer an exciting social program on the beautiful Sydney Harbour.

The conference invites submissions of full papers (up to 6 pages) or extended abstracts (up to 2 pages). Accepted full papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

Circuit and Systems

- Analogue and Mixed Signal Processing
- Brain-Machine Interface Circuits and Systems
- Circuits and Systems for Communications
- Embedded Communications Systems
- Hardware Architectures for AI
- IoT, Wearable Devices and Smart Sensors
- Low Power Design and VLSI Physical Synthesis
- VLSI Architecture for Signal Processing
- Neuromorphic Computing
- 5G and Beyond Technologies

Wireless Communications

- Joint Communications and Sensing
- MIMO, Multi-user MIMO, and Massive MIMO
- Interference Alignment and Cancellation
- Heterogeneous and Small-Cell Networks
- Channel Modeling and Propagation
- Distributed and Cooperative Communications
- Smart Antennas and Space-Time Processing
- Communications Security
- Space Communications
- Reconfigurable Intelligent Surfaces
- URLLC

Next-Generation Networking

- 5G and 6G Networks
- IoT Networking, Data Management, Mining, Fusion and Energy Efficiency
- Cooperative Intelligent Transport Systems
- Networks for Smart Cities
- u-Health Networks
- WLAN, Mesh, and Vehicular Networks
- SDN, NFV, and Cloud-based Networking
- Network Provisioning, Monitoring, and Management
- Multi-Tier Fog/Edge Computing
- Emerging Internet Applications
- Energy-Efficient Design and Green Communications
- Network Security and Privacy

Artificial Intelligence for Communications and IT

- AI-Empowered Communications
- AI-Enabled Wireless Networking
- AI-Empowered Mobile Applications
- Fuzzy Logic and Neural Networks
- General Machine Learning
- Deep Learning
- Statistic and Probabilistic Methods
- Knowledge-Based Engineering
- Big Data Analysis
- Image, Video and Speech Processing
- Natural Language Processing
- Biomedical Information Analysis



Extended Paper Submission
5 May 2023

Tutorial/Workshop/Special
Session Proposals
5 May 2023

Acceptance Notification
07 July 2023

Camera-ready
28 July 2023

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