



**CALL FOR PAPERS: IEEE ANTS Women in Engineering (WIE) Mini
Conference 19 December, 2023 @ MNIT Jaipur, Rajasthan, India**

ONE DAY MINI-CONFERENCE - THEME : Ubiquitous Networking for Seamless Connectivity.

KEYNOTES	INVITED TALKS	SELECTED PAPER PRESENTATIONS	PANEL DISCUSSION
CONVERGENCE WITH MAIN CONFERENCE			

Paper Submissions: To submit the paper to this track, the first author of the paper and the presenter (can be non-1st author) must be a female. Authors of accepted papers are expected to physically come and present the paper. The Call for Papers for WIE Track is the same as the main conference theme and the papers should be submitted through WIE Track on EDAS. Authors can submit short (4 page) and regular (6 pages) papers on research and development focusing on (but not limited to) the following thrust areas:

TOPICS OF INTEREST

Wireless Communication and Networks:

- 5G-Advanced and 6G Technologies
- Communication theory and systems
- Cellular and Broadband Networks
- Information and Coding Theory
- Cognitive Radio Networks
- Spectrum Issues and Requirements
- Multi-Antenna Communications
- Energy Efficiency and Harvesting
- Device to Device (D2D) Communications
- High Altitude Networks
- Mobility Models and Mobile Networks
- Mobile Backhaul Networks
- Ad hoc and Mesh Networks
- Underwater Communications and Networking
- Aerial Communications and Networking
- Machine-to-Machine (M2M) networks
- Satellite and Radar Communications
- Unlicensed Band Communication
- Smart Antennas

Network Technologies and Applications:

- Defence Communications and Networking
- Software Defined Networks
- Network Function Virtualization
- AI/ML for Communications and Networking
- Big Data and Analytics in Smart City
- Augmented and Virtual Reality
- Cyber-physical systems and networks
- Power-line Communication
- Smart Grid Communication Networks
- M-Healthcare
- Rural and Remote Connectivity
- Blockchain for Communications and Networking
- Security, Privacy, and Trust
- Signal Processing for Communications
- Network Economics and Pricing
- Open Networking
- Spectrum Sharing Models
- Game Theory with Networks

Optical Communication and Networks:

- Free Space Optics
- Visible Light Communication and Network
- Optical Fiber Communication and Network
- Optical Access Networks
- Quantum Optical Communications
- Optical Datacenter Networks
- Hollow-Core Fiber Communication
- Subsea Communication and Networks
- Fiber-wireless convergence
- Techno-economics
- Disaster-Resilient networks
- Optical Backhaul for Wireless Networks
- Optical Network Architectures
- Optical Networks for Cloud/Fog
- Hybrid Fiber-Wireless Networks

Emerging Technologies:

- Integrated Sensing and Communication
- Quantum Communication and Networks
- Satellite Internet
- Intelligent Meta-Surfaces
- Ultra-Reliable and Low-Latency Communications
- Green Communications and Networking
- Molecular Communications
- Nano-networking
- Millimeter-Wave Communications
- Full-Duplex Communications
- Wireless Body Area Networks
- Edge technologies
- UAV Communications and networking
- IoT Networks
- Semantic Communications
- Haptic and Holographic Technologies
- Testbed and Prototype Implementation

IMPORTANT DATES: Paper Submission: 31 August 2023 Notification: 30 September 2023 Camera Ready Paper Due: 15 October 2023

EDAS Link to submit your papers: <https://edas.info/N31060>

After review, all accepted and presented papers will appear in IEEE Xplore. One conference registration by the author can cover upto three papers which are authored or co-authored by the author. The conference proceedings are indexed in SCOPUS and other major indexing platforms. IEEE ANTS 2023 will feature workshops, tutorials, and panel discussions, co-located with the main technical conference. Complimentary access to ANTS CAREER ZONE will be provided to all the participating individuals and sponsors. IEEE ANTS will present BEST PAPER AWARDS for each track during the conference. Several travel grants are available for conference attendees and authors. More details available on the conference website. The authors of the selected (accepted) papers will be invited to submit the extended versions of the papers to the special issues of Springer Nature's journals, namely, Wireless Personal Communications and Photonic Network Communications.

WIE CHAIRS

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