

#IEEEANTS

#IEEECOMSOC

IEEE
ANTS™

12th IEEE International Conference on Advanced Networks and

CALL FOR PAPERS: IEEE ANTS Women In Engineering (WiE) Mini Conference

The 12th IEEE ANTS presents the WiE Track - a one day mini-conference - as part of IEEE ANTS 2018 to be held between 16th to 19th December 2018 at Indore, India

Theme : Towards a Hyper-Connected World: Emerging Trends in ICT	
Keynote	Invited Talks
Panel Discussion	Technical Talks
Convergence with main conference	
Lunch and High Tea	

Paper Submissions: At least one author should be female. Also, at least one of the female authors of each accepted paper must attend the conference and present the paper in person. The Call for Papers for WiE Track is the same as that for the main conference theme and the papers should be submitted through WiE Track on EDAS. Authors can submit short (3 pages) and regular (6 pages) papers on research and development focusing on (but not limited to) the following thrust areas:

Wireless Networks:

5G & Beyond Technologies
Cellular & Broadband Networks
Ad hoc & Mesh Networks
Sensor Networks
Mobile Backhaul Networks
High Altitude Networks
Mobility Models & Mobile Networks
Embedded Systems
Internet-of-Things (IoT) Networks
Cognitive IoT
Cognitive Radio Networks
Optical Wireless (Free Space Optics)
Underwater Networks
Device-to-Device (D2D) Communications
Social Network aware Wireless Network
Spectrum Issues & Requirements
Energy Efficiency & Harvesting

Wireline Networks:

Cloud & Data Center Networks
Software-Defined Infrastructure
(Networks, Storage, and Compute)
Core Network Architectures and
Protocols
Network Resilience
Anomaly Detection
Reliability Performance Analysis
Metro & Access Networks
Optical Communications & Networking
Submarine Networks
High-performance Routing
Heterogeneous Networks
Network Architectures for Smart Grid
Hybrid Wireline-Wireless Networks
xDSL networks
Measurement & Experimental Studies

Network Applications and Convergence of IT and Telecom Networks:

Software Defined Networks (SDN)
SDN as Enabling Technology for 5G
Network Virtualization
Cloud & Crowd Computing
Smart Homes & Smart Cities
Resource Planning & Management
Smartphone Networked Apps
Content Delivery Networks
Big Data & Analytics
Augmented & Virtual Reality
Cyber-Physical Systems & Networks
Game Theory in Networks
Tactile Internet
Access Control
Scheduling Algorithms
Security, Trust and Privacy

Emerging Technologies:

Massive MIMO
Airborne Communication Networks
Ultra-Reliable & Low-Latency
Communications
Green Communications & Networking
Hybrid Satellite-Terrestrial Networks
Molecular Communications
Nano-Networking
Visible Light Communications
Millimeter-Wave Communications
Full-Duplex Communications
Wireless Body Area Networks
Simultaneous Wireless Information &
Power Transfer (SWIPT)
Machine & Deep Learning
Vehicular Networks
Testbed and Prototype Implementation

WiE Track Committee

Mydhili Nair, MSRIT, Bengaluru, India - mydhili.nair@msrit.edu
Anubha Gupta, IIIT Delhi, India - anubha@iiitd.ac.in
Pragya Swami, IIT Indore - phd1601102001@iiti.ac.in
Chhabi Rani Panigrahi, Central
University of Rajasthan, India - panigrahichhabi@gmail.com

Important Dates

Paper Submission: 05 Aug 2018
(firm deadline)
Notification: 15 September 2018

For More Information:

<http://ants2018.ieee-comsoc-ants.org>

Contact:

Vimal Bhatia, IIT Indore, India

vbhatia@iiti.ac.in

Koushik Sinha, Southern Illinois University, USA

koushik.sinha@gmail.com



IEEE

IEEE
ComSoc™
IEEE Communications Society