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# 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

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### Important Dates

**Paper Submission:** 01 June 2018  
**Notification:** 15 September 2018

#### For More Information:

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

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