



IEEE
ANTS™



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

**3rd International Workshop on
5G and Future Wireless Technologies (5G-FWT2018)
in association with IEEE ANTS 2018
16-19 December 2018 – Indore, MP- India**

CALL FOR PAPER <http://ants2018.ieee-comsoc-ants.org/about/workshops/>

Submit Paper Here: <https://edas.info/newPaper.php?c=24727&track=93155>

The fifth generation (5G) wireless technology has very different requirements compared to 3G and 4G cellular technology.

- 5G is expected to support 1000x higher mobile data volume and at least 10x end-user data rate.
- It is required to support a wide range of bandwidths.
- It is expected to provide extreme low latency in order to support tactile Internet.
- The number of connected devices is predicted to increase by a factor of 10-100x, thereby bringing in a need to support thousand of devices per access point.
- To support asynchronous and random network access requirement of the low power M2M devices
- Wide range of industry verticals
- Most importantly, an End-to-End Architecture that allows for a cost- and time-efficient introduction of 5G is needed.

The goal of 5G and future wireless technologies (5G-FWT 2018) workshop is to provide a forum where diverse group of researchers can share the latest research insights, present key and novel results on 5G mobile communication technology enablers, including novel system architecture, and wireless techniques, explore different applications areas, and identify new challenges and opportunities focusing industrial applications.

List of Topics of interest to be included, but are not limited to:

- 5G Internet of Things
- 5G Industrial IoT
- 5G Narrow band IoT
- 5G in autonomous vehicle and vehicle communication
- 5G Cloudification
- Network Slicing
- Human Bond Communication
- Novel waveforms for 5G (non-orthogonal and orthogonal)
- New Air interface techniques for 5G
- Flexible RAN architectures and Cloud-RAN
- Low Complexity Massive MIMO systems
- Relaying and range extension techniques
- Interference Mitigation and Interference Management techniques
- Dynamic Spectrum Access and Management
- Efficient techniques for out-of-band radiation reduction
- 5G in vehicular communication
- 5G Edge Computing
- 5G Data Center Support
- 5G in eHealth
- 5G in eGovernance
- 5G in Finance and banking
- 5G in applicability in Retail
- 5G in Manufacturing and all industrial applications
- NFV in 5G Networks
- Cognitive Radio in 5G Networks
- Millimetre wave Communication
- Millimetre wave backhaul and access systems
- D2D and M2M Communication
- 5G and advanced wireless technology
- Future mobile wireless technology
- 5G in Automation
- and many more.....

ORGANIZERS

Navin Kumar,
Amrita VV (University), Bangalore-INDIA
Arpita Thakre,
Amrita VV (University), Bangalore-INDIA
Ashutosh Dutta,
New Jersey- USA

IMPORTANT DATES

Paper Submission:
21 Sep, 2018
Notification of Acceptance:
20 Oct, 2018
Camera Ready:
01 Nov, 2018

PAPER SUBMISSION

All submissions should follow the same guidelines as of main conference ANTS at: Submit your paper here:

<https://edas.info/newPaper.php?c=24727&track=93155>

Submitted manuscripts must be formatted in standard IEEE camera ready format (double column, 10pt font; please visit ANTS author guideline) and must be submitted via EDAS (from above link) as PDF files. The manuscripts must be no longer than 6 pages. **No short paper** is accepted under this track. The Program Committee reserves the right to not review papers that violets these formatting rules. Submitted papers must not have been previously published, or be under consideration for publication elsewhere. The accepted and presented paper will appear in IEEE Xplorer.