

Call for Papers on ICCMIT, Madrid, Spain, April 2018.

Track on “Emerging Technologies for 5G Communications”

Wireless communications and networks has been serving the human kind for so many years by facilitating communication between people beyond the physical boundaries. Improvements in information processing competency of wireless nodes and efficient network planning coupled with advances in wireless communication have resulted in the emergence of nodes which have high processing and communication competences. One of the significant issues in 5G wireless communications is energy efficiency. This “Emerging Technologies for 5G Communications” track is expected to exchange ideas and thoughts about impacts of 5G related communications and networks research on the state of the art as well as upcoming trends of issues related to research and applications of 5G related emerging topics.

Track

Non-orthogonal multiple access techniques in 5G Networks
Cognitive radio in 5G Networks
Channel modeling in 5G Networks
D2D in 5G Networks
Performance analysis in 5G Networks
Cloud/CRAN-based 5G Networks
Small Cells in 5G Networks
Game theory in 5G Networks
Software defined networks in 5G Networks
Heterogeneous Networks in 5G Networks
5G Ultra Dense Networks
Self organizing Networks in 5G Networks
Network Function Virtualization in 5G Networks
Backhaul/fronthaul in 5G Networks
Resource allocation in 5G Networks
RF Energy Harvesting
Wireless Power Transfer for 5G
Aerial Base stations and drones networks
Big data in 5G Networks
Vehicular networks in 5G Networks
Massive MIMO in 5G Networks
IoT in 5G Networks
Energy Harvesting in 5G Networks
Radio Resource Management in 5G Networks
Caching in 5G Networks
Unlicensed Spectrum (LTE-U) in 5G Networks
Network slicing in 5G Networks
Full duplex techniques in 5G Networks
MmWave techniques in 5G Networks
Other topics (PHY layer, MAC layer, Network layer) in 5G Networks

Track Chair

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TPC Committee

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Main Features

The accepted papers will be published by IEEE and it will appear on IEEE-Xplore.
Excellent articles will be invited to extend and publish in SCOPUS/ACM/ISI journals.

Paper Submission Important Dates

All instructions and templates for submission can be found in the ICCMIT 2018 web site: <http://www.iccmit.net/>. Please, contact the track chair at nalin.jayakody@ieee.org or editor@iccmit.net, if you are planning to submit a paper.

Paper abstract submission: January 15, 2018
Notification of acceptance: February 15, 2018
Final paper submission: March 01, 2018
Conference Dates: April 3-5, 2017