

Call for Contributions

Submission:

1. **Inform the Chair:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SPACOMM+2018+Special>

Please select Track Preference as **W5GN**

Special track

W5GN: Wireless Technology for 5G Networks

Chair and Coordinator: Prof. Dr. Krishna Pande, ICST and EE,

National Chiao Tung University (NCTU), Taiwan

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along with

SPACOMM 2018, The Tenth International Conference on Advances in Satellite and Space Communications

April 22, 2018 to April 26, 2018 - Athens, Greece

<http://www.iaria.org/conferences2018/SPACOMM18.html>

5G is expected to provide a paradigm shift in wireless networking. It will support throughput, latency, capacity and scalability requirements of extreme bandwidth augmented reality applications and connectivity management of billions of Machine-to-Machine (M2M) devices. The 5G systems will provide efficient radio access, spectrum re-use, cost effective security, all IP networks and multi gigabit connectivity with excellent QOS. In addition, they will address the capacity needed to for explosive growth. It will usher innovation to create wireless revolution.

Prospective authors are invited to submit original papers (both simulated and design/built) on topics including, but not limited to:

- Network visualization, efficiency, speed, reliability, capacity, and QOS
- Self- backhauling, Het, software defined networks
- Role of satellites
- NOMA, Coding and modulation
- Bandwidth and resource allocation
- On-chip network
- Mobile base station
- Adaptive radio
- 5G for talking cars
- Remote high speed computing
- Machine learning
- M2M Device centric architecture
- Millimeter Wave Technology (e.g., Tx/Rx, filter, up/down conversion etc)
- Bearable devices
- IoT and Smart cities
- MMW beam former

Important Datelines

- Inform the Chairs: As soon as you decided to contribute
- Submission: ~~January 17, 2018~~ **February 28, 2018**
- Notification: ~~February 22, 2018~~ **March 5, 2018**
- Registration: ~~March 8, 2018~~ **March 10, 2018**
- Camera ready: ~~March 15, 2018~~ **March 20, 2018**

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format

- See: <http://www.iaria.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaria.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>
- Conference proceedings are sent for indexing to ISI Thomson Reuters by Filodiritto/InFOROmatica Publisher, Italy

Paper Submission

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaria.org/registration.html>

Contacts

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