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

   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 to the conference, you should inform the chairs. Please note that these deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

**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

**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](http://www.iaria.org/format.html)
- Before submission, please check and comply with the editorial rules: [http://www.iaria.org/editorialrules.html](http://www.iaria.org/editorialrules.html)

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

**Paper Submission**
Please select Track Preference as **W5GN**

**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](http://www.iaria.org/registration.html)

**Contacts**
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