

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=CENICS+2017+Special>

Please select Track Preference as **NGWL**

Special track

NGWL: Next Generation Wireless Networks

Chair and Coordinator

Assist. Prof. Dr. Piotr Remlein, Poznan University of Technology - Poznan, Poland remlein@et.put.poznan.pl

along with

CENICS 2017, September 10 - 14, 2017 - Rome, Italy

The Tenth International Conference on Advances in Circuits, Electronics and Micro-electronics

<http://www.aria.org/conferences2017/CENICS17.html>

The wireless networks are an example of great success. All over the world hundreds of millions wireless devices (e.g. wireless local area networks, cellular networks, mobile networks) are shipped every year. A great number of researches still develop new transmission and receiving methods to improve the wireless performance. These methods (MIMO technique, Space Time Coding, transmit beamforming, LDPC encoding, MAC throughput enhancements, interference cancellation, etc.) allow to achieve greater range and higher data rate of the wireless communications. New, wireless standards are under development.

The main goal of this special session is to discuss original technical problems ranged over the **following topics** connected with the next generation wireless networks:

- Channel Coding
- Modulation
- Space Time Coding
- Multiple-Input Multiple-Output OFDM Systems
- Multi-user Detection
- Receiver Algorithms
- Interference Rejection
- MAC Efficiency Enhancements

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: August 2
- Notification: August 9
- Registration: August 16
- Camera ready: August 16

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.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.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>

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.iaia.org/registration.html>

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