Call for Contributions

1. Inform the Chair: Title, Authors, and email addresses.
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICWMC+2021+Special
Please select Track Preference as **NOMA**
3. Note: *For 2021, all events will be held in a hybrid mode: on site or virtual choices (live, prerecorded videos, voiced presentation slides, and .pdf slides). We hope for better times allowing us to return to the traditional on site scientific events. However, we are ready to adapt any which way the conditions dictate.*

Special track

NOMA: Non-Orthogonal Multiple Access for Future Generation Wireless Communications

Chairs
Dr. Michel Kulhandjian, University of Ottawa, Canada
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Prof. Dr. Hovannes Kulhandjian, California State University - Fresno, USA
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along with
ICWMC 2021: The Seventeenth International Conference on Wireless and Mobile Communications
https://www.iaria.org/conferences2021/ICWMC21.html
July 18, 2021 to July 22, 2021 - Nice, France

Mobile communications systems revolutionized the way people communicate, joining together communications and mobility. A long way in a remarkably short time is achieved in the history of wireless communications. Evolution of wireless access technologies is about to reach its sixth generation (6G). In the past, wireless access technologies have followed different evolutionary paths aimed at unified target: performance and efficiency in high mobile environment. Over the past decades, rapid developments and evolving demands of wireless communications changed the selected multiple access (MA) technique in each generation. Today, increasing demands of high spectral/energy efficiency, high connectivity, and low latency of future generations such as 5G and beyond can be satisfied by Non-orthogonal Multiple Access (NOMA) techniques.

In this Special Track we target on exploring and discussing new technical advances and applications focusing on NOMA techniques. We seek the submission of high-quality, original, and unpublished manuscripts.

Topics include, but not limited to

- Waveform design for NOMA techniques;
- Detection techniques specifically for NOMA;
- NOMA in underwater and optical communication;
- Time and frequency non-orthogonal modulation techniques;
- Faster-than-Nyquist signaling applied for NOMA systems;
- Massive MIMO NOMA systems.

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]

Important Datelines

Inform the Chair or Coordinator: As soon as you decide to contribute.

Submission: June 14, 2021
Notification: June 26, 2021
Registration: July 2, 2021
Camera ready: July 3, 2021

Note: *The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.*

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

Paper Submission

https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICWMC+2021+Special
Please select Track Preference as **NOMA**

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

Contact

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