

# 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=COCORA+2018+Special>

Please select Track Preference as **MEC&VERTICALS**

## Special track

# MEC&VERTICALS: Multi-Access Edge Computing (MEC) and its Impact on Verticals

## Chair and Coordinator

Dr. Valerio Frascolla, Director Research and Innovation, Intel Deutschland GmbH - Neubiberg, Germany  
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along with

**COCORA 2018**, The Eighth International Conference on Advances in Cognitive Radio

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

<http://www.iaria.org/conferences2018/COCORA18.html>

Multi-Access Edge Computing (MEC) is considered a key enabling technology for the forthcoming 5G networks. In the last couple of years lots of efforts have been spent in standardization bodies (ETSI and also 3GPP) to deliver to the telecommunication ecosystem a set of standards that can be adopted by device and network providers. The expected benefits of the MEC technologies are manifold: overall latency reduction, access to local-access network conditions, enhanced caching, intelligent allocation etc. etc. The players that will benefit most of this technology will be mainly all the 5G verticals that look for a wireless communication that can reduce the reaction time and can guarantee local availability of a huge amount of needed data.

This special session will make the point of the standards body status, will report the latest on some international collaborative research projects and will overall provide the audience with an up-to-date understanding of what still is outstanding for having the MEC technology deployed in commercial networks.

**Prospective authors** are invited to submit original papers on topics including, but not limited to:

- MEC network architecture and protocols
- mmWave network architecture and protocols
- MEC-related business model analysis
- mmwave-related business model analysis
- Theoretical limits and trends of caching in mmWave networks
- Fundamental tradeoffs in MEC-empowered mmWave networks
- Coded Caching in mmWave Networks
- Edge Caching techniques for 5G
- Wireless Content Caching at mobile handset
- Computational Resource allocation in Wireless Caching Networks
- Joint radio and computational resource optimization in MEC-empowered mmWave networks
- MEC resources allocation and management
- MEC simulators, demonstrators and platforms
- mmWave simulators, demonstrators and platforms
- Challenges and opportunities for MEC and mmWave

- MEC impact on 5G Verticals

## 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](http://www.iaria.org)]
- Presentations: slide only [slide-deck posted on [www.iaria.org](http://www.iaria.org)]
- Demos: two pages [posted on [www.iaria.org](http://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>

## 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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