

Call for Contributions

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

Submission:

1. Inform the Chairs: with the Title of your Contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICSNC+2020+Special>

Please select Track Preference as **NGN-IoT**

Special track

NGN-IoT: Next Generation Network Architectures for Industrial IoT

Chair and Coordinator

Prof. Dr. Rute C. Sofia, Head of Industrial IIoT, fortiss GmbH, Germany

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along with

ICSNC 2020, The Fifteenth International Conference on Systems and Networks Communications

October 18, 2020 to October 22, 2020 - Porto, Portugal

<https://www.iaria.org/conferences2020/ICSNC20.html>

This special track aims at igniting discussion concerning network architectures and networking solutions to support next generation applications in Industrial IoT, e.g., immersive AR/AR, swarms of smart, autonomous, and mobile Things.

This relates with the need further evolve IIoT systems in a way that merges computing, communication, and service automation. It also relates with the need to address and support operations between Edge and Cloud, pursuing a more flexible notion of Edge, which expands the Internet into new realms, such as space.

Potential topics include, but are not limited to:

- Networking architectures and protocols performance evaluation and measurement.
- Automated IoT onboarding solutions.
- Determinism in IIoT wireless environments.
- Delay tolerant networking in IIoT.
- Serverless Cloud-Edge computing mechanisms.
- AI (Artificial Intelligence) operationalization.
- Decentralised security for IIoT.
- Automated container orchestration

Important Datelines

Inform the Chairs (see Contacts below): as soon as you decide to contribute

Submission: August 24

Notification: September 13

Registration: September 23

Camera-ready: September 23

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>

Contacts

Chair

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