

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=UBICOMM+2017+Special>

Please select Track Preference as **ECFoF**

Special track

ECFoF: Edge Computing in Factories of the Future

Chair and Coordinator

Prof. Dr.-Ing. Martin Ruskowski, German Research Center for Artificial Intelligence (DFKI), Germany
Martin.Ruskowski@dfki.de

along with

UBICOMM 2017, The Eleventh International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies

November 12 - 16, 2017 - Barcelona, Spain <http://www.iaria.org/conferences2017/UBICOMM17.html>

Cloud Computing is an emerging technology which allows machines/people (users) to access data ubiquitously. It enables on-demand sharing of available computing and storage resources among its users. Today, it is even possible for a simple device to share its status over Internet with millions of users. However, increased usage of Cloud Computing increases latency and load especially on the network.

Edge Computing is a recent paradigm which is believed to reduce the latency by bringing the computing power as close to the data source as possible. Increase in Edge nodes within a location will reduce the number of devices connected to a single Cloud significantly, thus eliminating the shortcomings of Cloud Computing.

Topics include, but not limited to:

- Edge Computing in manufacturing
- Technologies and architectures used
- Gateway technologies
- Challenges
- Machine Learning in local cloudlets
- Data security methods in Edge Computing

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: October 4
- Notification: October 11
- Registration: October 18
- Camera ready: October 18

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

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=UBICOMM+2017+Special>

Please select Track Preference as **ECFoF**

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

Volkan Gezer, German Research Center for Artificial Intelligence (DFKI), Germany Volkan.Gezer@dfki.de

UBICOMM logistics: steve@iaia.org