

Call for Contributions

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

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SERVICE+COMPUTATION+2018+Special>

Please select Track Preference as **MicS**

Special track

MicS: Microservices

Chair and Coordinator: Prof. Dr. Andreas Hausotter, Hochschule Hannover - University of Applied Sciences and Arts, Faculty of Business and Computer Science, Germany

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along with

SERVICE COMPUTATION 2018, The Tenth International Conference on Advanced Service Computing

<http://www.iaria.org/conferences2018/SERVICECOMPUTATION18.html>

Microservices represent a relative new architectural concept, according to which applications are composed by a great number of loosely coupled small services. The services are designed and developed by autonomous teams, largely independent from one another. This promotes the agility of the underlying tasks and ideally enables a continuous software release (*continuous delivery*), a better maintainability and the provision of high scalable application systems. On the other hand, the introduction of Microservices has a significant impact on the project organization, deployment and operations (*DevOps*). Last but not least, some drawbacks must be accepted.

The special track should illumine the strategic, organizational, architectural, technological aspects of microservices as wide as possible.

Topics include, but not limited to:

- Suitable procedure models in software development
- Opportunities and risks associated with development and operations
- SOA vs. Microservices
- Service design and design patterns for microservices
- Application scenarios
- Microservices and legacy applications
- Technologies and infrastructures
- Case studies and emerging technologies
- Tools for design, implementation and management
- QoS aspects of microservices
- Testing, evaluation and analysis

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

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: Nov 3, 2017
- Notification: Dec 3, 2017
- Registration: Dec 17, 2017
- Camera ready: Jan 15, 2018

Paper Format

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

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.ariajournals.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.ariasubmit.org/conferences/submit/newcontribution.php?event=SERVICE+COMPUTATION+2018+Special>

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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.aria.org/registration.html>

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