

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=SOFTNETWORKING+2018+Special>

Please select Track Preference as **NVDNGN**

Special track

NVDNGN: Next Generation Network and the Value of Data

Chairs and Coordinators

Alf Larsson, Technology Specialist, Senior Specialist Observability, Ericsson AB alf.larsson@ericsson.com

Carlo Vitucci, Technology Specialist, Ericsson AB

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along with

SOFTNEWTVORKING 2018, The International Symposium on Advances in Software Defined Networking
and Network Functions Virtualization

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

<http://www.iaria.org/conferences2018/SOFTNETWORKING18.html>

The arrival of 5G with SDN-NFV, Self-organizing Network, Cloud with Management and Orchestration introduces new challenges and opportunities. To make use of these opportunities, a technical sustainable solution technology has to provide automation and flexibility on both centralized data centers and on the edge. The data will flow in different contexts and it has to be recognized for its value and appropriately governed. For that, a Big Data strategy is necessary not only to explore and monitor, but also to provide analytics for decision makers and consider the user behavior for the best experience. Data monetization is a strong driver and will be reflected by the number of services a vendor can provide.

Topics include, but not limited to:

- Next-generation network services
- Verification techniques and tools for SDN and NFV
- Business intelligence in the Next generation networks
- Big Data in the Cloud – The market value
- Analytics in Mobile Networks
 - o Cloud
 - o Edge
 - o Self-organizing Network (SON)
- Cloud scaling automation
 - o Network slicing
 - o Edge computing
 - o Resources allocation
 - o Load balancing
 - o Orchestration

- o Benchmarking
- Run-time, real-time and statistical data handling
- Real-time functions in the Cloud and Edge
- Data handling in the context of
 - o Virtual Network Functions
 - o Aggregation
 - o Functionality

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

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