

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=ICN+2018+Special>

Please select Track Preference as **NetSoftware**

Special track

NetSoftware: Next Generation Networks Management in Softwarized Infrastructures using SDN and NFV

Chairs and Coordinators

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along with

ICN 2018, The Seventeenth International Conference on Networks

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

<http://www.iaria.org/conferences2018/ICN18.html>

The increasing consumption of multimedia services and the demand of high quality services from customers pose challenges to service providers and mobile operators in terms of Quality of Service/Quality of Experience (QoS/QoE) control and management. The next IT landscape is expected to change radically in the next few years. New technologies are expected to fulfil a gap in the wireless industry. This call for QoS/QoE control and management solutions pertaining to programmable networks, cost reduction of IT systems, high speed and reliable transfer of heterogeneous data over software defined and virtualized infrastructures.

The main objective of this track is to explore the landscape of softwarization technologies to accelerate and exploit the huge next generation network transformation with embedded intelligent techniques leveraging Network Functions Virtualization (NFV) and Software Defined Networks (SDN). The aim is find better solutions that allow for proactive management of next generation softwarized network infrastructures.

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

- Quality of Service/Experience (QoS/QoE) issues in next generation networks
- Novel approaches to next generation network management in SDN/NFV-based networks
- Network slicing and slice management
- Centralized vs Distributed control, management & orchestration
- Abstractions and virtualization of resources, services, and functions
- Policy-Based Networking (PBN) and Intent-Based Networking (IBN) in Software-Defined Infrastructures (SDI)
- Routing mechanisms, real-time operations and efficient network/service monitoring in SDN/NFV
- Lifecycle management of network software and APIs, protocols, and languages for programmable networks
- Networks policy-based management and Autonomic Management in next generation networks
- QoS/QoE and Service function chaining in softwarized infrastructures

Important Datelines

- Inform the Chairs: As soon as you decided to contribute
- Submission: Jan 17, 2018
- Notification: Feb 22, 2018
- Registration: Marc 8, 2018
- Camera ready: Mar 15, 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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