CoDiT 2018

CALL FOR PAPERS
SPECIAL SESSION ON
"Softwarization in Next Generation Networks"
for CODIT'18
April 10-13, 2018 – Thessaloniki, Greece

Session Co-Chairs :

Prof. Ghasem Mirjalily, Ph.D., IEEE Senior Member

Prof. at Yazd University, IRAN, and Research Scientist at Shenzhen Research Institute of Big Data, China

Session description

This special session deals with the problem of softwarization in next generation networks. Software Defined Networking (SDN), Network Function Virtualization (NFV) and Cloud-Edge-Fog Computing as the latest achievements in wired and the wireless networking fields are raising interested among the academic and industrial communities. This trend called "Network Softwarization". It provides flexible, scalable, and reliable networking technologies and new service paradigms by leveraging the software advantages in control and management planes. In particular, SDN and NFV are one of the main enablers of the next generation 5G networks.

The goal is to focus on the challenges and solutions of the network softwarization. It provides a forum for focused discussions on new topics, ideas and innovative applications of SDN, NFV and Cloud-Edge-Fog Computing. The session will host both research and industrial papers covering interested topics.

The topics of interest include, but are not limited to:

- Architectures, Applications and Use cases
- Theoretical foundations of Softwarization
- Service orchestration and management
- Reliability and QoS
- Performance evaluation and Simulation
- Deployment challenges
- Resource allocation and management
- Standardization efforts
- Network controller design and placement
- APIs, Interfaces, OpenFlow and Softwarization languages
- Service Function Chaining
- Cloud-Edge-Fog Computing
- Network management, Performance monitoring and Security
- Industrial experiments
- Tools for Development, Testing and Debugging
- …

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **December 10, 2017:** http://controls.papercept.net/conferences/scripts/start.pl. In PaperCept, click on the **CoDIT 2018 link "Submit a Contribution to CoDIT'18" and follow the steps.**

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

December 10, 2017: deadline for paper submission

February 4, 2018: notification of acceptance/reject

February 28, 2018: deadline for final paper and registration.