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Special
Session

4th International Conference on
Control, Decision and
Information Technologies

April 5-7, 2017

CoDIT'17

Website: www.codit2017.com

Barcelona, Spain



CALL FOR PAPERS
SPECIAL SESSION ON
“Softwarization in Next Generation Networks”
for CODIT'17
April 5-7, 2017 – Barcelona, Spain

Session Co-Chairs :

Prof. Ghasem Mirjalily, *Ph.D., IEEE Senior Member, Yazd University, Yazd, IRAN*

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.

This special session focuses 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
- Cloud-Edge-Fog Computing
- Network management, Performance monitoring and Security
- Industrial experiments
- Tools for Development, Testing and Debugging
- Softwarization in Data Centers

SUBMISSION

Please submit your full paper choosing the right Special Session (17-**Special Session: Softwarization in Next Generation Networks**) on the EasyChair for CoDIT'17 website:

<https://easychair.org/conferences/?conf=codit17>

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).

IMPORTANT DATES

December 4, 2016: deadline for paper submission

February 2, 2017: notification of acceptance/reject

February 26, 2017: deadline for final paper and registration.
