IARIA

www.iaria.org

The International Symposium on Advances in Software Defined Networking and Network Functions Virtualization SOFTNETWORKING 2017
April 23 - 27, 2017 - Venice, Italy
http://www.iaria.org/conferences2017/SOFTNETWORKING.html

Important deadlines:

Submission (full paper)	December 5, 2016
Notification	February 20, 2017
Registration	March 5, 2017
Camera ready	March 15, 2017

Topics:

- Software Defined Networking (SDN): concepts, challenges and architectures
- Control and Management in SDN; Network Operating Systems (NOS, ONOS) and virtualization in SDNs
- Network Function Virtualization concepts, challenges and architectures   (NFV, OPNFV)
- SDN and NFV cooperation
- SDN and NFV standardization
- OpenDaylight (goals, platforms, interfaces and applications), OpenStack and SDN
- SDN Controllers design and implementation
- SDN Forwarding Elements design and implementation
- OpenFlow and Southbound Protocols
- Application programming interfaces for SDN
- Forwarding plane abstractions, programmability, languages
- Verification techniques and tools for SDN and NFV
- Performance evaluation, optimization and isolation of the Data and Control Planes
- SDN applications and use cases
- NFV applications and use cases
- Reliability, resiliency and fault management in SDN and NFV
- Security and privacy and in SDN and NFV
- Data and Control Plane scalability, inter-operability
- Autonomic (self) management technologies in SDN and NFV
- SDN/NFV architecture versus Content delivery and oriented networks, Information Centric Networking
- Operators and Service Providers business and deployment perspective on SDN and NFV
- Planning and Deployment of SDN/NFV technologies and applications in operational networks