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## Call for Papers

### Track 11 – Software Defined Networking/Network Function Virtualization

#### Track Chairs:

Francesco Malandrino, IEIT-CNR, Italy  
Domenico Siracusa, Fondazione Bruno Kessler, Italy

#### Scope and Motivation:

Managing the network using intelligent software rather than the hardware components of the infrastructure created new opportunities to develop and support new services for the technologies that are driving the future of smart networks. Key technologies such as Software-defined networking (SDN) and Network Function Virtualization (NFV) allow us to dynamically program, control, and manage networks; furthermore, they are enablers for further deployments, e.g., multi-access edge computing (MEC), cloud and fog computing, and, in the mobile domain, 5G. SDN and NFV are therefore an attractive, relevant and challenging research topic for academic institutions and companies alike. In this context, this track invites original contributions in the area of Software-Defined Networking and Network Function Virtualization.

#### Main Topics of Interest:

The Emerging Topics in Software Defined Networking/Network Function Virtualization Track seeks original contributions in all areas related to SDN and NFV, including (but not limited to) the following:

- Software Defined Everything (SDE)
- Software for Network Function Virtualization (NFV)
- Network Softwarization
- Software defined communications in autonomous vehicles
- Multimedia over SDN
- Robustness and security in Software Defined Networks
- Software defined distributed systems and applications, including smart grid, IoT, autonomous vehicles
- Cloud/Edge computing services
- Formal Specification and Analysis of Protocols for SDN
- Trusted Computing with NFV and SDN
- Industrial experience in deploying SDN/NFV services
- Future architectures based on software defined components
- Softwarization in the context of multi-access edge computing (MEC)
- SDN/NFV and next-generation mobile networks
- Programmable data planes and whiteboxes

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