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Call for Papers

Track 11 – Software Defined Networking/Network Function Virtualization

Track Chairs:

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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. This trend is now being instantiated with the techniques of [Software-defined networking \(SDN\)](#) and [Network Function Virtualization \(NFV\)](#), and they enable us to dynamically program/control/manage networks. Hence, now many research organizations and companies dive into this area to find new research topics and interesting products. 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 the following topical areas, plus others that are not explicitly listed but are closely related:

- Software Defined Everything (SDE)
- Software Defined Networking (SDN)
- Software for Network Function Virtualization (NFV)
- Security, Threats, and countermeasures over SDN
- Network Softwerization
- Software defined communications in autonomous vehicles
- Multimedia over SDN
- Securing the SDN
- Software defined distributed systems and applications, including smart grid, IoT, autonomous vehicles and Cloud/Edge computing services
- Formal Specification and Analysis of Protocols for SDN
- Trusted Computing with NFV and SDN
- Industrial experience of deploying SDN/NFV services
- Software-defined future network architecture
- New system architecture for SDN/NFV

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