

# annals of telecommunications

Annales des télécommunications

Call for papers

Special Issue on

Software networks

This Software networks special issue aims at addressing advances in research in the areas of future networks. The issue will provide current researches on theoretical and practical aspects of software networks. Topics include, but are not limited to:

- SDN (Software-Defined Networking)
- NFV (Network Function Virtualisation)
- Network softwerization
- Northbound interface
- Control plane (Open Daylight, OpenContrail, Floodlight, etc.)
- Southbound interface (OpenFlow, i2rs, Netconf, OpFlex, etc.)
- Eastbound and Westbound interfaces
- Orchestrator, piloting system, controller
- Virtualization, virtual networks, virtual wireless equipment
- Data plane and concretization
- Virtualization accelerator
- Network on the fly, Virtual control, Virtual radio
- Security in SDN, isolation
- SDN Switch/Router Architectures/Designs
- SDN in Mobile and Wireless Networks
- Software network management
- Reliability of virtualized network functions
- Traffic Engineering and QoS in SDN
- SDN Support for Big Data Applications
- Energy Efficient and Green Software-defined Infrastructures
- Performance and experiment

## Guest Editors

- **Miguel Elias Mitre Campista**, Federal University of Rio de Janeiro, Brazil
- **Abbas Jamalipour**, The University of Sydney, Australia
- **Rafael Laufer**, Bell Labs, USA
- **Pedro Braconnot Velloso**, Federal University of Rio de Janeiro, Brazil

Papers must be written in English and describe original research not published or currently under review by other journals or conferences. The length of the article file should not exceed 35,000 characters including spaces (i.e., around 5,500 words). The manuscripts that are outside the expected length are likely to be rejected. All relevant papers submitted will go through an external review process.

Submissions should be sent according to the instructions available at:

<http://annalsoftelecommunications.wp.mines-telecom.fr/how-to-publish/>

## Proposed schedule

- **Manuscript submission** June 15<sup>th</sup>, 2015 **Extended deadline: June 29<sup>th</sup>, 2015**
- **Online with DOI** As soon as accepted
- **Printed issue** June-September 2016