



IEEE Workshop on Management Issues in SDN, SDI and NFV

Bridging Networking with IT

LONDON, U.K., APRIL 13-17, 2015

<http://sites.ieee.org/netsoft/workshop/MISSION>

CALL FOR PAPERS



SCOPE

The IEEE International Workshop on Management Issues in Software defined network, Software defined infrastructure and network function virtualization (**MISSION 2015**) will be held between April 13-17, 2015 in London, U.K. at the Cruciform Building of University College London (UCL) along with 1st IEEE International Conference on Network Softwarization (**NetSoft 2015**). Software is increasing flexibility and programmability of infrastructure in SDN, SDI and NFV. This softwarization trend has materialized new product and services that lead to significant business benefits. To realize these benefits, we also need to rethink the management issues along with making progress in core functionalities for SDN, SDI and NFV. A holistic system-oriented innovation approach is needed to redesign infrastructure management operations, NMS artefacts and functionalities at multiple levels. The **MISSION 2015** workshop will address these new and emerging management issues in SDN, SDI and NFV.

TOPICS OF INTEREST

Authors are invited to submit papers that fall into the area of software-defined and virtualized infrastructures. Topics of interest include, but are not limited to, the following:

- ✦ System management challenges in SDN, SDI, NFV
- ✦ Network management practices and business procedures for SDN, NFV, SDI in telco and enterprise data center infrastructures
- ✦ New paradigms in network operations, administration and management for SDN, SDI and NFV
- ✦ Management challenges in mobile and wireless SDN and NFV environment
- ✦ Service orchestration in converged network-compute and data center management
- ✦ Reliability issues in SDN and NFV
- ✦ Network management & operations related automation, troubleshooting and administration tools for SDN, SDI and NFV
- ✦ Cloud based network and system management application paradigms for SDN, SDI and NFV
- ✦ Application of artificial intelligence (AI), machine learning (ML), analytics and big data in network and system management of SDN, SDI and NFV
- ✦ Insights about Network Management System (NMS) architectural requirements & analysis
- ✦ User experience, user interface design issues and challenges in NMS for SDN, SDI, NFV ethnographic studies on network operations centers, usability studies of management applications

PAPER SUBMISSION

Authors are invited to submit only original papers not published or submitted for publication elsewhere. Papers should be within 6 pages, in IEEE 2-column US-Letter style using IEEE Conference (www.ieee.org/conferences_events/conferences/publishing/templates.html) templates and submitted in PDF format via EDAS at: <http://edas.info/N19315>. Papers exceeding these limits, multiple submissions elsewhere, and self-plagiarized papers will be rejected without further review. All submitted papers will be subject to a peer-review process. Accepted and presented papers will be published in the MISSION 2015 Workshop Proceedings and submitted to IEEE Xplore®.

IMPORTANT DATES

Paper Submission: **February 16, 2015**
 Notification of Acceptance: **March 6, 2015**

Camera Ready Papers: **March 13, 2015**

WORKSHOP CO-CHAIRS

Kashinath Basu, *Oxford Brookes University, UK*
 Chen Liu, *Microsoft, US*

NETSOFT WORKSHOP CO-CHAIRS

Amitava Biswas, *Cisco Systems, US*
 Noura Limam, *University of Waterloo, Canada*

NETSOFT GENERAL CO-CHAIRS

Prosper Chemouil, *Orange Labs, France*
 George Pavlou, *University College London, UK*

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Antonio Manzalini, *Telecom Italia, Italy*

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