



# 1<sup>st</sup> IEEE CONFERENCE ON NETWORK SOFTWARIZATION

*Bridging Networking with IT*

LONDON, U.K. – APRIL 13-17, 2015

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

**CALL FOR PAPERS**



## SCOPE

The IEEE International Conference on Network Softwarization (NetSoft 2015) will be held April 13-17, 2015 in London, U.K. at the Cruciform Building of University College London (UCL). NetSoft 2015 will be the first of a series of annual events established as part of the IEEE Software-Defined Networks initiative of the IEEE Future Directions Committee to build an IEEE-wide community in this area across multiple IEEE societies and councils (<http://sdn.ieee.org/about.html>). Software-Defined Networking (SDN), Network Function Virtualization (NFV), and Software-Defined Clouds could be seen as different expressions of an overall transformation trend, which is deeply impacting Telecom and IT industries. This trend is also transforming several other Industries, in using "softwarization" to optimize costs and processes and in bringing new values in infrastructures. In particular, SDN, NFV and network programmability are creating the conditions to reinvent network and cloud architectures, accelerate service deployment and facilitate infrastructure management. Accordingly, the theme of **NetSoft 2015** is "Software-Defined Infrastructures for Networks, Clouds and Services". NetSoft is intended to serve as the flagship IEEE forum for technical exchange on software-defined infrastructures and services.

## 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:

- SDI Architectures, Application Programming Interfaces Protocols & Programming languages
- SDN Switch/Router Architectures/Designs
- Control Architectures/Network Programmability
- Verification/Debugging/ Auditing Tools
- Placement/Factoring of Control Logic
- Efficient Network Virtualization in SDN
- Network Function Virtualization (NFV)
- SDN Resource, Network and Service Management and Efficient Operations
- Traffic Engineering and QoS in SDN
- Mobility/Security/Safety Support and Management in SDN
- Service & Information Orchestration/Chaining and Life Cycle Management
- Energy Efficient and Green Software-defined Infrastructures
- Software-based Integration of Computing, Storage & Networks
- Software-Defined Datacenters and Inter-datacenter Networks
- SDN Support for Big Data Applications
- SDN Applications to Enterprise, Home, Cellular
- Software-Defined Optical Transport and Backbone Networks
- SDN and Virtualization for RAN and 5G
- Performance Evaluation, Testbeds, and Experiences Benchmarking
- Deployments and Interoperation with Legacy Systems

## PAPER SUBMISSION

Authors are invited to submit only original papers (written in English) not published or submitted for publication elsewhere. Papers should be in IEEE 2-column US-Letter style using IEEE Conference templates, found at: [http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html) and submitted in PDF format via EDAS at: <http://edas.info/N18361>. Papers can be of two types: full (up to 9 pages) or short (up to 5 pages). Papers exceeding these limits, multiple submissions, and self-plagiarized papers will be rejected without further review. All submitted papers will be subject to a peer-review process. The accepted papers will be published in IEEE Xplore, provided that the authors do present their paper at the conference.

## IMPORTANT DATES

Paper Registration: **9<sup>th</sup> January 2015**

Notification of Acceptance: **22<sup>nd</sup> February 2015**

Paper Submission: **~~15<sup>th</sup> December 2014~~ 15<sup>th</sup> January 2015**

Camera Ready Papers: **13<sup>th</sup> March 2015**

## GENERAL CO-CHAIRS

Prosper Chemouil, *Orange Labs, France*

George Pavlou, *University College London, U.K.*

## TPC CO-CHAIRS

Raouf Boutaba, *University of Waterloo, Canada*

Alex Galis, *University College London, U.K.*

Antonio Manzalini, *Telecom Italia, Italy*

## IEEE Software-Defined Networks Group Chair

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