

NOC2015

London, UK, 30th June - 2nd July 2015

The 20th European Conference on Network and Optical Communications, NOC 2015 will be held in London, UK, from June 30th to July 2nd, 2015.

NOC addresses research topics in the optical networks area, such as core, metro and access network planning design and modeling, optical communications (both fiber and free-space), and photonic devices. New topics such as optical mobile backhauling, optical interconnects, intra-datacenter networking, and software-defined optical networks will also be included.

Through its technical program, the conference will provide an opportunity for the academic and industrial communities to address new research challenges, share solutions and discuss issues in information and communication technology (ICT) referring to modern telecommunications. The 20th NOC provides a forum for the promotion of new opportunities from industry, institutes of technology and academia. We therefore invite you to contribute to the event through involvement as patron, session organizer, presenter, delegate or contributor.

Topics of interest include

- Optical network performance modelling
- Optical network planning and design
- Optical network management
- Signalling for all-optical networks
- Measurement, monitoring and supervision techniques
- All-optical access networks
- Field trials and experiments
- Optical network virtualization
- Standardization and economic comparisons
- Next-generation Passive Optical Networks
- Energy efficiency / Green Networking
- Reliability and Maintenance
- Optical Wireless Communications
- Combined optical and wireless networks
- 100 Gbit/s and beyond
- Optical Software Defined Networks
- Reconfigurable OADM
- Multicore and multimode fiber systems
- Silicon photonics switching architectures and systems
- Openflow-based optical control plane
- SDN vs. GMPLS control plane
- Optical cloud computing
- Photonic network architectures for datacenters
- Elastic optical networking
- Routing and spectrum allocation algorithms

The goal of the conference is to present high-quality results in the field, and to provide a framework for research collaboration through focused discussions that will shape future research efforts and directions. In this context, the program committee will accept only a limited number of papers that meet the criteria of originality, presentation quality and topic relevance. NOC has reached the highest level of quality, which is reflected both in the level of participation as well as the acceptance ratio and the amount and quality of submitted papers.

Full paper due : 20th March, 2015

Notification of acceptance: 1st May, 2015

Conference early registration: 30th May 2015



www.noc2015.org