



ONDM 2017 - Call for Papers

21th International Conference on Optical Network Design and Modeling

May 15-18, 2017 Budapest, Hungary

Following the tradition of previous editions of the Optical Network Design and Modeling conference, ONDM 2017 will address cutting-edge research in established areas such as optical networking, optical systems, as well as emerging topics like novel Internet architectures, new optical network architectures for the Cloud/DataCenter, wireless optical networks, photonic integrated networks and SDN/NFV developments in optical networks.

The scope of the conference includes but is not limited to the following topics:

- Advances in optical network theory and modeling
- Routing and spectrum assignment and flex-grid optical networks
- Optical networks for future Internet design
- Optical network control and management
- Energy efficiency in optical networks
- Optical network availability, survivability, resilience
- Novel architectures for optical routers and switches
- Optical networks to support cloud computing
- Software defined optical networking and network function virtualization (NFV)
- Optical access network architectures and protocols
- Techno-economic analysis of optical networks
- High speed optical LANs including optical wireless networks
- Field trials, new applications and experiments in optical networking
- Convergence of optical and wireless networks
- Optical access/metro technologies in support to 5th generation wireless systems
- Security and privacy in optical networks
- Inter- and intra- data center optical networks
- Optical networks exploiting photonic integrated circuits
- Interoperation between power (smart) grid and optical networks

Authors are encouraged to submit full papers (max. 6 pages in standard IEEE conference style) describing original, previously unpublished research results, not currently under review by another conference or journal, addressing forefront research and development in the area of optical network design and modeling.

IMPORTANT DATES:

Submission Deadline:	January 31, 2017
Acceptance Notification:	March 1, 2017
Camera Ready Submission:	March 15, 2017
Conference Dates:	May 15-18, 2017

General Chair: Tibor Cinkler – BME, Hungary, IFIP TC6 WG6.10 Photonic Networking, Chair

TPC Chairs: Jacek Rak – Gdansk University of Technology, Poland
Marco Ruffini – Trinity College Dublin, Ireland
Hiroaki Harai – NICT, Japan

Steering Committee:

Dimitra Simeonidou – University of Bristol, UK
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