



ONDM 2016 - Call for Papers

20th International Conference on Optical Network Design and Modeling

May 9-12, 2016 – Cartagena, Spain

Following the tradition of previous editions of the Optical Network Design and Modeling conference, ONDM 2016 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 survivability
- 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
- Security and privacy in optical networks
- Protection and resiliency in optical networks
- Inter- and intra- datacenter optical networks
- Optical networks exploiting photonic integrated circuits
- Interoperation between power (smart) grid and optical networks
- Optical infrastructure for 5G mobile/wireless

Authors must submit full papers (minimum 3 pages and maximum 6 pages in standard IEEE conference style) describing original, previously unpublished research results, not currently under review by another conference or journal, addressing forefront research and development in the area of optical network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. Selected papers will be invited to submit to an extended version to **ONDM 2016 Special Issue in IEEE/OSA Journal of Optical Communications and Networking**.

IMPORTANT DATES:

Submission Deadline:	January 31, 2016, 23:59 CET (extended)	
Acceptance Notification:	March 9, 2016, 23:59 CET	http://ondm2016.upct.es
Camera Ready Submission:	March 21, 2016, 23:59 CET	
Conference Dates:	May 9-12, 2016	

General Chair: Pablo Pavón Mariño (UPCT, Spain)

TPC Chairs:

Nina Skorin-Kapov (CUD-UPCT, Spain)
Massimo Tornatore (PoliMi, Italy)
Tibor Cinkler (BME, Hungary)

International Collaboration Chair:

Biswanath Mukherjee (UC Davis, USA)

Steering Committee:

Franco Callegati (University of Bologna, Italy)
Dimitra Simeonidou (University of Bristol, UK)
Philippe Gravey (Telecom Bretagne, France)
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