



ONDM 2017 - Call for Papers

21th International Conference on Optical Network Design and Modeling

May 15-18, 2017 Budapest, Hungary

Workshops

FiWiN5G: Workshop on Fiber-Wireless Integrated Networks for 5th Generation delivery

Fiber-wireless integrated networks that rely on the collaborative use of both fiber-based and wireless communication technologies are currently turning into a highly important research area in view of the forthcoming era of 5G mobile systems. To provide high bandwidth and reliable service for both fixed and mobile users, a well-designed network must take into account both optical and wireless transmission, with efficient allocation of resources and satisfaction of QoS requirements within this hybrid network environment.

The workshop is organized by Horizon 2020 EU Marie-Curie Innovative Training Network FiWin5G.

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

- Fiber-wireless network architectures and technologies for 5G front- and/or backhauling
- Novel Fiber-Wireless network architectures for broadband wireless services
- Hybrid fiber-wireless access networks
- Optical generation, distribution, and control of broadband fiber-wireless signals
- Optical devices and systems for Fiber-Wireless signal generation, processing and transmission
- Photonic transceivers for Fiber-Wireless network applications
- Integrated Photonic technologies for Fiber-Wireless network applications
- Photonic Systems for antennas and beamforming
- Millimeter-wave/Microwave Fiber-Wireless systems
- Integration of wireless communication and sensing

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are encouraged to submit full papers (max. 6 pages in standard IEEE conference style) describing original, previously unpublished research results, not currently under review by another conference or journal, addressing forefront research and development.

IMPORTANT DATES:

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

Workshop

Eszter Udvary – BME, Hungary,

Chairs:

John Mitchell – University College London, UK

TPC:

Bostjan Batagelj, Univerza v Ljubljani, Fakulteta za Elektrotehniko, Slovenia

Guillermo Carpintero, Universidad Carlos III de Madrid, Spain

Stavros Iezekiel, University of Cyprus, Cyprus

Andreas Stöhr, Universitaet Duisburg-Essen, Germany

Frederic Van Dijk, III-V Lab, France