

Call for Papers
10th workshop on
Reliability Issues in Next Generation Optical Networks
R O N E X T

In conjunction with ICTON

16th International Conference on Transparent Optical Networks

Graz, Austria, July 6-10, 2014

<http://www.itl.waw.pl/icton2014>

Technically (co-)sponsored by the IEEE

Scope of workshop: The current evolution of the information society is relying more than ever on the availability of an efficient communication infrastructure able to withstand and recover not only from conventional failures (i.e., single/multiple network equipment malfunctioning) but also from natural disasters causing large network segment(s) disruptions (e.g., earthquakes, tsunamis, floods, power outages, attacks). The purpose of this workshop is to gather international experts to discuss the latest research advances and trends in the field of reliability in Next Generation Optical Networks. Topics of relevance include but are not limited to:

- Basic methods and theory for survivable network design and operation
- Survivable network architectures (protection & restoration)
- Network reliability & availability
- Optical components & systems reliability
- Architecture and reliability of network nodes
- Reliability performance evaluation (analytical, simulation, experimental)
- Reliability measures and guarantees, cost-performance analysis
- QoS aspects, network resource management & traffic engineering
- Operational cost modeling and calculation for reliable NG access networks
- CapEx/OpEx trade-off in reliable network design
- Energy efficiency in reliable networks
- Disaster recovery

RONEXT Technical Program Committee:

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Paper submission: according to ICTON submission rules at <http://www.itl.waw.pl/icton> (4 pages in MS Word accompanied by a PDF version), **please write RONEXT in the subject line** when submitting your contribution. All accepted RONEXT papers will be included in ICTON 2014 Proceedings (published on IEEE Xplore).

Important dates: Submission deadline: March 31, 2014
Notification of acceptance: April 30, 2014
Post-deadline papers with very recent results are requested by June 1, 2014