



ICTON 2014

Call for Papers



4th workshop on **Green Optical Communications (GOC)**

In conjunction with ICTON
16th International Conference on Transparent Optical Networks
Graz, Austria, from July 6–10, 2014
<http://www.itl.waw.pl/icton2014>

Technically (co-)sponsored by the IEEE

Scope of workshop: Network operators aim at reducing the energy cost of their current and future networks. Different approaches are being studied to decrease the overall network energy consumption, such as node architectures, node technologies, network design, protocols, etc. The aim of this workshop is to present recent research results targeting energy efficient solutions for optical networks. Topics of relevance include but are not limited to:

- Energy-efficient technologies
 - Impact of different node technologies
 - Impact of different energy profiles: per node, per component, etc.
- Energy efficient optical intra-data center networks
- Energy-efficient optical networks protocols, architectures, design
- Energy-aware VNE approaches
- Energy aware routed networks
- Impact of energy consumption on the overall OPEX and TCO
- Manufacturer and operator experiences on power consumption in communication networks

GOC Technical Program Committee:

Chair: C. Mas Machuca, Munich University of Technology TUM, Germany
Co-Chairs: L. Wosinska, the Royal Institute of Technology KTH, Sweden
L. Valcarenghi, Scuola Superiore Sant'Anna, Italy
Members: I. Andonovic, University of Strathclyde, UK
A. Beghelli, Universidad Técnica Federico Santa María, Chile
I. Cerutti Scuola Superiore Sant'Anna, Italy
P. Chowdhury, UC Davis, USA
J. Eberspächer, Munich University of Technology TUM, Germany
J.M.H. Elmirghani, University of Leeds, UK
A. Gladisch, Deutsche Telekom, Germany
D.C. Kilper, Alcatel-Lucent Bell Labs, USA
M. Klinkowski, National Institute of Telecommunications, Poland
M. Marciniak, National Institute of Telecommunications, Poland
P. Monti, the Royal Institute of Technology KTH, Sweden
A. Morea Alcatel-Lucent Bell Labs, France
M. Pickavet, IBBT, Belgium
K.-I. Sato, Nagoya University, Japan
D. Schupke, EADS, Germany
A. Tzanakaki, Athens Information Technology, Greece

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

Important dates: Submission deadline: March 31, 2014
Notification of acceptance: May 5, 2014
Post-deadline papers with very recent results are requested by June 1, 2014