

International Conference on Transparent Optical
Networks – Mediterranean Winter 2007
Sousse, Tunisia



ICTON-MW'07



December 6-8th, 2007, Sousse, Tunisia



ICTON-MW'07 is a satellite event to the International Conference on Transparent Optical Networks (ICTON) intended to provide an international forum of discussion and promotion of research advances in transparent and all-optical technologies in broadband telecommunication networks, systems, and components in Mediterranean region.

ICTON-MW'07 is receiving technical co-sponsorship by the IEEE Lasers and Electro-Optics Society.



WORKSHOP CHAIRS

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Call for Papers

Workshop on Optical Components for Telecommunications Systems (OCTS)

The tremendous growth of the Internet, the large increase in traffic demands and the relentless demand for network capacity have produced a need for new flexible types of services. To deliver these, optical communication systems have been deployed in many areas such as long-haul telecommunications, interoffice communications, computer links and undersea systems.

Transparent optical networks are emerging as a promising technology for very high data-rate communications, flexible switching and broadband application support. In particular, they provide transparency capabilities allowing routing and switching of traffic without regeneration of signals within the network.

This emerging new generation of optical networks is characterized by Multi-gigabit data rates, low bit-error rates and optical transparency over long distances. Over the next few years optical technology is expected to become the platform of choice for providing services that have, until today, been supported by telecommunication voice and data network providers. This workshop intends to attract contributions that report advances in:

Optical Devices including:

- Optical fibers, fiber devices, amplifiers
- Advances in optoelectronic materials and devices
- Integrated optics, nonlinear optics
- Emerging areas: photonic crystals, bio-photonics, quantum computing.

Optical Switching including:

- Modeling and performance of switched networks
- Advanced components for switching applications
- Optical processing: wavelength conversion, regeneration,
- Optical decoding, synchronization, label swapping
- Optical packet/burst switching networks and Control for OPS/OBS networks.

Authors are cordially invited to submit the contributions (in electronic form, MS Word accompanied by a PDF version) for Regular and Poster Sessions to icton-mw@iaer.eu by **September 30th, 2007**. More information can be found on the ICTON-MW'07 website: www.iaer.eu/icton-mw07.

The authors will be notified on the acceptance by **October 30th, 2007**. Post-deadline papers with recent results are requested by **November 15th, 2007**. Accepted papers will be published in the conference proceeding.

IEEE Copyright Transfer Form is requested for ICTON-MW submissions exceeding one page.

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University 7th November
at Carthage, Tunisia