

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.

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Call for Papers

Workshop on Frontiers of Optical Networks (FON)

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. Optical networks are expected to support the diverse requirements of a broad range of applications as they are evolving dramatically in terms of technology and architecture. In particular, optical component technology is rapidly maturing, offering cost effective solutions to a point where optical networks are currently being deployed in core backbone networks, and are gaining increased interest for deployment in metro and access environments. WDM systems are widely deployed, thanks to low-cost and high reliability of optical components. Core, metropolitan, and access networks are increasingly based on optical technologies to overcome the electronic bottleneck at network edge. Even, traditional multi-layer architecture, such as the widely deployed IP/ATM/SDH protocol stacks, are already based on WDM transport systems increasing efforts to move some of available functionalities in higher layers to the optical layer. New components and subsystems for very high speed optical networks offer new design options to network operators and designers. Contributions are invited on topics concerning these emerging networks, including but not limited to:

- All-Optical Access Networks
- Free Space Optical Sensor Networks
- Access Methods over Optical Components
- High speed optical LANs and gigabit networks
- Interworking between Optical and Wireless Networks
- Intra-satellite Wireless Optical Network Communication
- Wireless optical network technologies and pervasive computing
- Indoor Wireless Optical networks
- Ethernet Services over Optical Networks
- Integrated wireless - Optical Access Networks
- Optical Core, Metropolitan and Access Networks
- Algorithms and Protocols for Optical Access Networks
- Multi-layer IP MPLS and GMPLS over Optical Architectures

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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