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# Optical Network Design and Modeling

11th International IFIP TC6 Conference, ONDM 2007  
Athens, Greece, May 29-31, 2007  
Proceedings

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# Preface

The optical networking field is seen to be rapidly emerging with a strong and sustained technological and business growth. Research has led to massive development and deployment in the optical networking space leading to significant advancements in high speed network core and access networks.

The 11<sup>th</sup> International Conference on Optical Network Design and Modeling brought together scientists and researchers to meet and exchange ideas and recent work in this emerging area of networking.

The conference was sponsored by IFIP and supported by the e-Photon/ONe and COST 291 projects. The conference proceedings have been published by Springer and are also available through the Springer digital library. The conference program featured 14 invited presentations and 41 contributed papers selected from over 90 submissions. A series of sessions focusing on recent developments in optical networking and the related technology issues constituted the main conference program.

The international workshop “Optical network perspectives vs. optical technologies reality” was collocated with ONDM 2007 and took place on May 29<sup>th</sup>. It was organized by the EU COST 291 action. The objective of the workshop was to focus on cross layer issues and address various challenges with respect to the implementation of optical networking concepts based on available optical technology capabilities.

ONDM 2007 was located in the beautiful and historic city of Athens, Greece, May 29–31, 2007. The conference venue was the well equipped facilities of the Athens Information Technology Center – AIT ([www.ait.gr](http://www.ait.gr)), where participants enjoyed a warm hospitality.

Finally, we would like to thank all those who helped in the organization of this event and especially the distinguished members of the Technical Program Committee and the Local Organizing Committee.

April 2007

Ioannis Tomkos, General Chair  
Fabio Neri, General Co-chair  
Josep Sole-Pareta, TCP Co-chairs  
Sergio Sanchez, TCP Co-chairs  
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