

Venue

ECIO 2007 will take place at the Technical University of Denmark (DTU), located in the northern part of the Greater Copenhagen area.

DTU is the Danish center of gravity for research, education and innovation within key strategic areas, such as: Information and Communication Technology, Nanotechnology, Food Science and Medical Technology, Biotechnology and Energy & Environmental Technology.

13th European Conference on Integrated Optics

and Technical Exhibition

First Announcement



COPENHAGEN DENMARK APRIL 25-27 2007

ECIO 2007



COPENHAGEN DENMARK APRIL 25-27 2007

ECIO 2007 is jointly organised by

DANCHIP

COM•DTU



To subscribe for updated information,
please visit www.ecio2007.dk

Copenhagen – while you are here

Copenhagen is full of zest and life. Experience a pulsating metropolitan capital with a classic harbour front. Discover a historical oasis that is constantly moving with the very latest trends in architecture, design and fashion. In Copenhagen you can get experiences for life!

For more information please see:
www.visitcopenhagen.com



Modelling
Sensors
Fabrication
Nanophotonics
Characterisation
Bio-medical applications
Hybridisation
Microphotonics
Applications
Communication

Paper submission deadline: **January 8, 2007**

Organised in conjunction with **OWTNN 2007**
Workshop on
Optical Waveguide Theory and Numerical Modelling
April 27-28, 2007

Scope

The aim of ECIO 2007 is to provide a forum where experts within integrated optics can exchange new ideas and latest findings.

Special focus will be on the fabrication including designs, materials and devices, in close conjunctions with applications of integrated optics within areas such as telecommunication, bio-medicine and sensors.

ECIO 2007 will include more than 150 presentations and a technical exhibition.

Steering Committee

Gunnar Arvidsson, ACREO, Sweden

Jirí Ctyroky, IREE, Czech Republic

Christi Madsen, Texas A&M University, USA

Valerio Pruneri, Avanex, Italy

Mogens Rysholt Poulsen, Technical University of Denmark

Meint Smit, Technical University of Eindhoven, The Netherlands

Wolfgang Sohler, Paderborn University, Germany

Toshiaki Suhara, Osaka University, Japan

Serge Valette, CEA/Leti, France

Ian White, University of Cambridge, United Kingdom



For more information: info@ecio2007.dk

Homepage: www.ecio2007.dk

Topics

Materials and fabrication technologies for Photonic Integration: Semiconductors, SOI, polymers, glass, non-linear materials, nano-wire and nano-tube optical devices

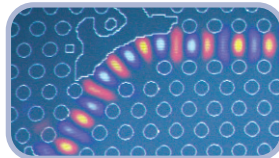
Photonic Crystals, Nanophotonics and Plasmonics: Quantum wells, nano-wires, quantum dots, doping of nanocrystals, photonic bandgap structures, plasmonic waveguides, micro-cavities in photonic crystal structures, ferroelectric nano-domains

Integrated Devices: Splitters, combiners, λ and polarization controllers, isolators, filters, microstructured devices, modulators, switches, multiplexers, VOAs, amplifiers, lasers, VCSEL's

Hybridisation and integration of photonic devices: Transceivers, duplexers and triplexers, FTTH-devices, OADM, MOEMS, OXC, packaging techniques

Modeling, theory and simulation of integrated devices: New techniques, new structures, new devices

Application of integrated waveguide devices and systems: Telecom & datacom, bio- and medical applications, quantum communication, sensors and instrumentation, micro-wave and THz applications



Local Organising Committee

Lars-Ulrik Aaen Andersen, Technical University of Denmark

Dan Birkedal, Alight Technologies A/S

Anders Bjarklev, Technical University of Denmark

Torben Jacobsen, Ibsen Photonics A/S

Bonni Kryger, Lumiscence A/S

Kent Erik Mattsson, NKT Research & Innovation A/S

Ejner Nicolaisen, Technical University of Denmark

Claus Jørgen Nielsen, Hymite A/S

Bo Pedersen, QuNano AB

Mogens Rysholt Poulsen, Technical University of Denmark

Mads Sckerl, Ignis Photonix A/S

Also held in conjunction with ECIO 2007 is

OWTNM 2007

Workshop on

Optical Waveguide Theory and Numerical Modelling

April 27-28, 2007

Copenhagen, Denmark

