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The Social Programme includes a Reception on 7 April and a Conference Dinner to be held in the magnificent Dining Hall at Queens’ College, Cambridge on 8 April.

The 18th International Workshop on Optical Waveguide Theory (OWTNM 2010) will be collocated on 9 and 10 April. For further details contact Trevor Benson: trevor.benson@nottingham.ac.uk

The 2nd International Workshop on Focused Ion Beam (FIB) technology will take place on 6 and 7 April. For further details contact Martin Cryan: m.cryan@bristol.ac.uk or visit the link: www.bris.ac.uk/eeng/research/pho/float4photronics.html

The 2nd European Photonic Integration Forum, organized by the ePIXnet platforms, will take place on 6 April. For further details please contact Meint Smit: m.k.smit@tue.nl, Roel Baets: baets@intec.ugent.be or Mike Wale: mike.wale@oclaro.com

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The aim of ECIO 2010 is to provide a forum where experts from both industrial and academic communities within integrated optics and nanophotonics can exchange their new ideas and latest findings.

ECIO covers research in all aspects of photonic integration including: modelling, design, fabrication, packaging, and applications of Photonics ICs. It includes research on new and existing materials, devices, sub-systems and systems and addresses a broad range of applications, including communications, signal processing, bio-medicine, sensors, instrumentation, lighting and displays.

Papers to be published on IEEE Xplore

Ortwin Hess, University of Surrey, UK
Slow light in nanophotonic materials
Katsunari Okamoto, UC Davis, USA
Evolution of planar waveguide devices: communication & sensing applications
Meint Smit, TU Eindhoven, The Netherlands
Moore’s law in photonics

Ed Linfield, University of Leeds, UK
Terahertz quantum cascade lasers
Masatake Nakazawa, Tohoku University, Japan
Device requirements for next generation optical transmission technology
Meir Orenstein, Technion, Haifa, Israel
Nanoplasmonic waveguiding
Martin Wegener, University of Karlsruhe, Germany
The meaning of metamaterials

Shigehisa Arai, Tokyo Institute of Technology, Japan
InP-based membrane-type semiconductor lasers
Toshibi Baha, Yokohama National University, Japan
Tunable slow light in photonic nanostructures
Connie Chang-Hasnain, UC Berkeley, USA
High contrast gratings: a new platform for integrated optics
Stephanie Cheylan, ICF - Institute of Photonic Sciences, Spain
Organic devices for photonics
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Simulation and design of IO integration including: modelling, design, fabrication, packaging, and applications of Photonics ICs. It includes research on new and existing materials, devices, sub-systems and systems and addresses a broad range of applications, including communications, signal processing, bio-medicine, sensors, instrumentation, lighting and displays.

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