

Integrated and guided wave photonics

Wednesday 20th October 2010

The Senate Room of the University of Glasgow - Gilbert Scott (main) building

Session 1 - chair: **Peter Laybourn**

- 9.30 - 9.45 **Sir Eric Ash** - Introductory remarks
- 9.45-10.15 **Ajoy Kar** (Heriot-Watt University) “3D laser writing of integrated photonic structures”
- 10.15-10.45 **Nikolay Zheludev** (Southampton University - ORC) “The road ahead for metamaterials: seeing beyond the cloak”
- 10.45-11.15 **Neil Whitbread** (OCLARO) “High Functionality Photonic Integrated Circuits on InP”

11.15-11.45 Coffee Break

Session 2 - chair: **John Marsh**

- 11.45-12.15 **Roberto Morandotti** (INRS, Quebec, Canada) “CMOS compatible OPOs and Sub-THz lasers on a chip”
- 12.15-12.45 **Andrea Melloni** (Politecnico di Milano, Italy) “The Ring-Resonator in integrated optics: a versatile and programmable building block for photonic circuits”
- 12.45-13.15 **Philippe Lalanne** (Institut d'Optique, Palaiseau, France) “Modelling of real-life effects and deviations from periodicity in photonic crystal structures”

13.15-14.15 LUNCH

Session 3 - chair: **Allan Boardman**

- 14.15-14.45 **Dmitry Skryabin** (University of Bath) “Nonlinear optics in arrays of subwavelength waveguides”
- 14.45-15.15 **Roel Baets** (IMEC - University of Gent, Belgium) “Integrated photonics: quo vadis”

Session 4 - chair: **Efim Portnoi**

- 15.15-15.45 **Stewart Aitchison** (University of Toronto, Canada) “Guided-wave photonic integration for high-speed communications and sensing”
- 15.45-16.15 **Thomas Krauss** (University of St. Andrews) “Enhanced light-matter interaction with photonic nanostructures”
- 16.15 **Richard De La Rue** Final Remarks

The meeting is free to attend and all are welcome

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