

NANOPHOTONICS

EPSRC Portfolio Conference

9:30-17:00, 19 March 2007

Lecture Theatre B, Building 46 (Physics/ORC), University of Southampton

Everybody welcome. Free admission to university students and staff

9:00 - 9:20 Arrival
9:20 - 9:30 **Nikolay Zheludev** Welcome Remarks

MORNING SESSION: Session Chair **Nikolay Zheludev**

9:30 - 9:50 **Mamdouh Abdelsalam**, “Fabrication of plasmonic nanostructures for SERS applications”
9:50 - 10:10 **Robin Cole**, “Void plasmons in metallic nanostructures”
10:10 - 10:30 **Fredrik Jonsson**, “E-beam excitation of nanostructures and hyperspectral imaging of plasmons”
10:30 - 10:50 **Alexander Schwanecke**, “Nanostructured planar photonic meta-surfaces”

10:50 – 11:10 Coffee break

11:00 - 11:30 (Invited Talk) **Allan Boardman**, “Toroidal metamaterials”
10:30 – 11:50 **Otto Pursiainen**, “Elastomeric photonic crystals”
11:50 – 12:10 **Vassili Fedotov**, “Chirality in chiral meta-materials”
12:10 – 12:30 **Xiahong Li**, “Mesoporous semiconductors: a route to metamaterials?”

12:30 – 14:00 Lunch break

AFTERNOON SESSION: Session Chair **Jeremy Baumberg**

14:00 – 14:30 (Invited Talk) **Yifang Chen**, “New technologies for fabricating photonic meta-materials”
14:30 – 14:50 **Giorgio Baldassarri**, “GaN microcavities for room temperature BEC
14:50 - 15:10 **Kevin MacDonald**, “Phase change nanophotonics”
15:10 – 15:30 (Invited Talk) **Malgosia Kaczmarek**, “Dish microcavity experiment and theory”

15:30 – 15:50 Coffee break

15:50 - 16:10 **Fu Min Huang**, “Subwavelength concentration of light in nanostructures”
16:10 – 16:30 **Alastair Grundy**, “Spatio-temporal dynamics in semiconductor microcavities”
16:30 - 16:50 **Nic Perney**, “Pit plasmons”
16:50 – 17:10 **Sam Birtwell**, “Nanophotonic tags for bio-applications”

The end



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of Southampton**