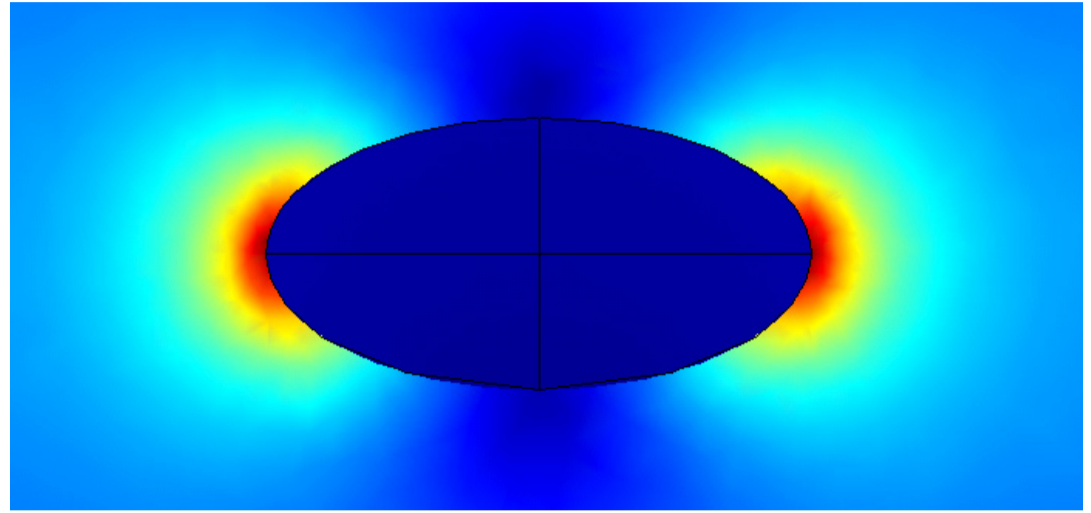
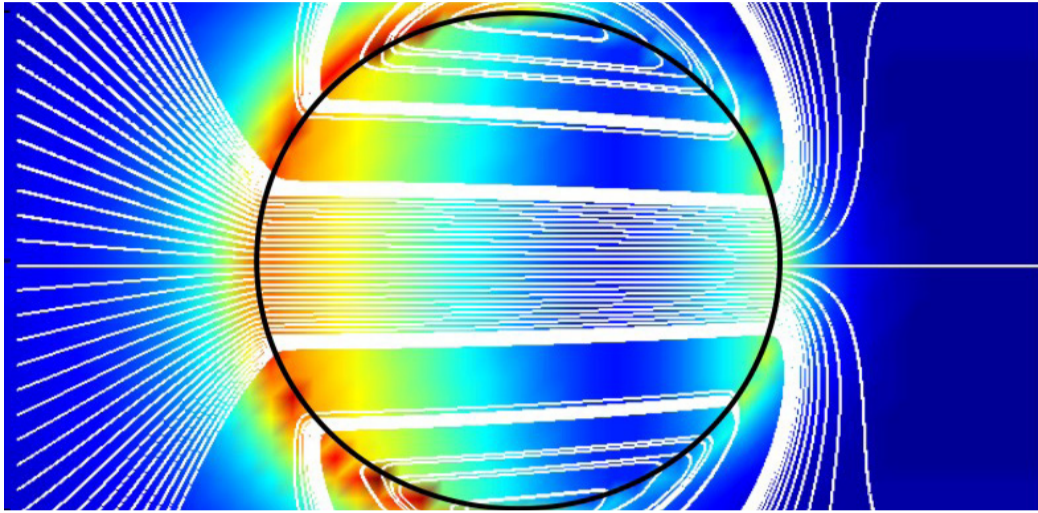


NANOPHOTONICS

EPSRC Portfolio Conference



The new field of nanophotonics emerges when we force light to interact with nanostructures – artificial materials engineered and arranged at the scale of only billionths of a metre.

Come along to the conference to hear about current and emerging trends in nanophotonics

The programme will include the following oral presentations:

Robin Cole “Void plasmons in metallic nanostructures”

Fredrik Jonsson “Hyperspectral imaging of plasmons”

Xiahong Lee “Mesoporous semiconductors: a route to metamaterials?”

Vassili Fedotov “Giant optical activity in chiral meta-materials”

Otto Pursiainen “Elastomeric photonic crystals”

Alexander Schwanecke “Nanostructured planar photonic meta-surfaces”

Mamdouh Abdelsalam “Fabrication of plasmonic nanostructures for SERS applications”

Yifang Chen “New technologies for fabricating photonic meta-materials”

Alastair Grundy “Spatio-temporal dynamics in semiconductor microcavities”

Kevin MacDonald “Phase change nanophotonics devices”

Becky Pennington “Dish microcavity experiment and theory”

Fumin Huang “Subwavelength concentration of light in nanostructures”

Giorgio Baldassarri “GaN microcavities for room temperature BEC”

Allan Boardman “Toroidal metamaterials”

Nic Perney “Pit plasmons”

Sam Birtwell “Nanophotonic tags for bio-applications”

Conference co-chairs:

Nikolay Zheludev, Optoelectronics Research Centre

Jeremy Baumberg, School of Physics and Astronomy

The conference is open to all university staff and students

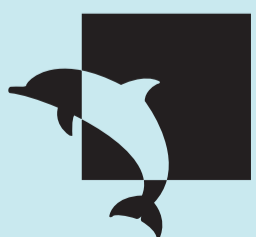
Date: Monday 19 March 2007

Time: 9.30am until 5.00pm

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

Further information

www.nanophotonics.org.uk



**University
of Southampton**