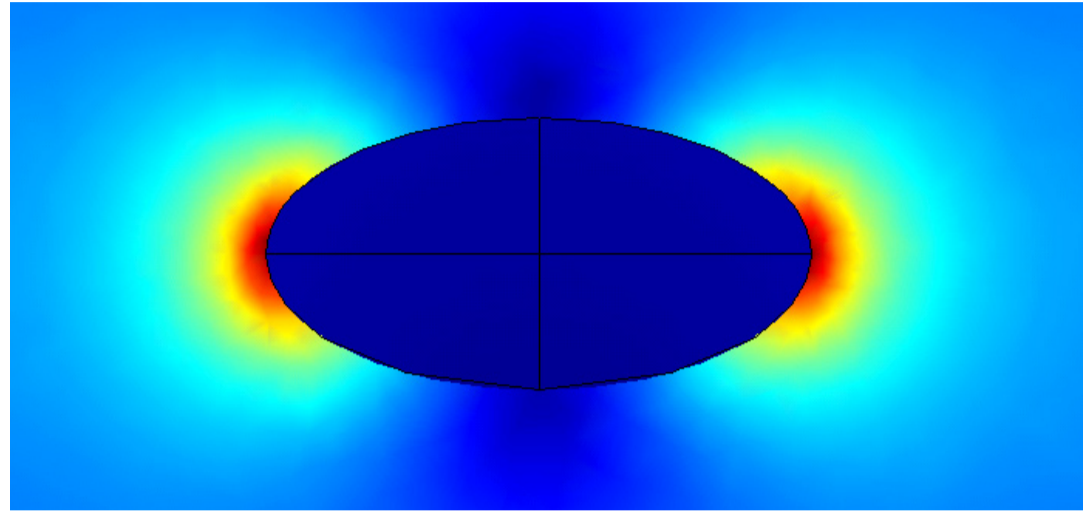
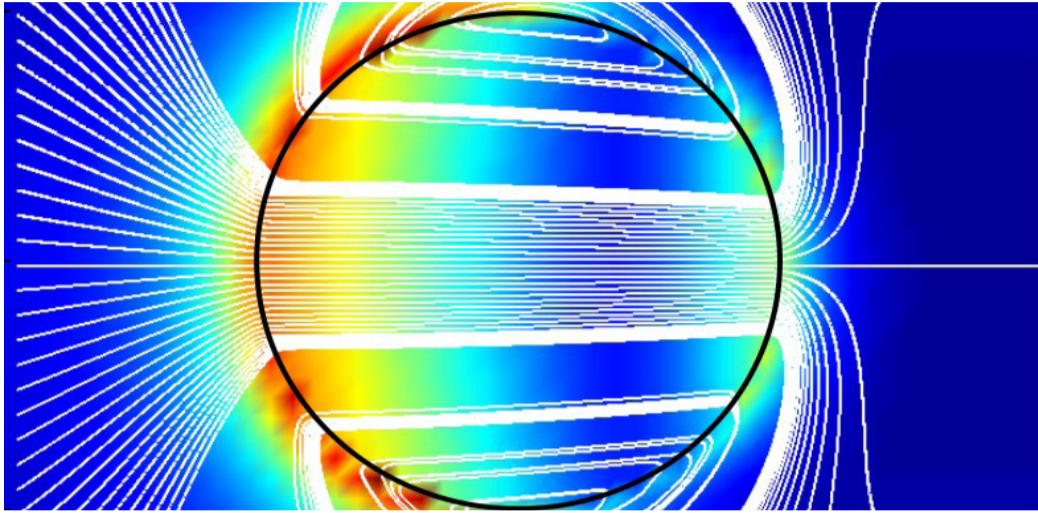


# NANOPHOTONICS

## 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](http://www.nanophotonics.org.uk)**



**University  
of Southampton**