

# University of Southampton & University of Cambridge Research Symposium: From EPSRC Portfolio Partnership to Programme Grants

**Date:** 22 September 2009

**Venue:** University of Southampton, Mountbatten Nanofabrication and Laboratory Complex,  
room 4025

In celebration of the completion of the successful EPSRC Partnership on NanoPhotonics (2004-2009) the Universities of Southampton and Cambridge are holding a Symposium to mark the transition of the Partnership into the multi-million pound EPSRC Programmes on “Nanostructured Photon Metamaterials” (Southampton) and “Soft NanoPhotonics” (Cambridge).

The Symposium will feature overview presentations of achievements of the Portfolio Partnership and future research directions of the Programmes at Southampton and Cambridge, talks on the key research topics and an extensive interactive poster session.

Participants of the Symposium will be invited to come on a tour of Southampton’s new Mountbatten Nanofabrication and Laboratory Complex and visit the key nanophotonics and metamaterials laboratories in the Optoelectronics Research Centre.

## Symposium Agenda

- 0930 Arrival and welcome
- 0945 “Centre for Nanostructured Photonic Metamaterials at Southampton”, Prof Nikolay Zheludev, University of Southampton
- 1010 “Soft NanoPhotonics Centre at Cambridge”, Prof Jeremy Baumberg, University of Cambridge
- 1035 Tea & Coffee
- 1055 Tour: New Mountbatten Nanofabrication Facility and Laboratory Complex
- 1200 Poster Session and Lunch (50 Portfolio posters from Southampton & Cambridge)
- 13:30 “Phase Change Nanophotonics”. Kevin Macdonald, University of Southampton
- 14:00 “Hybrid Plasmonics: Tuneability for Sensors and Solar Cells”, Sumeet Mahajan, University of Cambridge
- 14:30 “Coherent and Incoherent Meta-materials”. Vassili Fedotov, University of Southampton
- 15:00 Coffee break
- 15:30 “Elastic Polymer Opals: Shear Ordering and Thermochromic Behaviour”, David Snoswell, University of Cambridge
- 16:00 “Stretchable Metamaterials and Microcavities”, Nick Gibbons, University of Cambridge
- 16:30 “Intrinsic and Extrinsic Chirality in Metamaterials”. Eric Plum, University of Southampton

Everybody is welcome to attend, For more information, please visit:

[www.metamaterials.org.uk/Symposium09](http://www.metamaterials.org.uk/Symposium09) or contact Mrs Jennifer Morley, tel: 02380594522