

Photonic Metamaterials - Job opportunities and studentships

The Engineering and Physical Sciences Research Council UK (EPSRC) has awarded the University of Southampton £6-million to establish a centre for nanostructured photonic metamaterials.

This innovative and interdisciplinary research programme is funded for the next six years with the aim of developing a new generation of switchable and active photonic media and creating a world-leading centre of research on Nanostructured Photonic Metamaterials at Southampton. The state-of-the-art facilities within the University's new multimillion pound Mountbatten Building cleanroom and laboratory complex will be essential to the programme.

We are seeking a number of bright and highly motivated post-doctoral researchers of outstanding calibre to work on the programme as Project Leaders in the following areas:

- 1. Fabrication of Nanostructured Photonic Metamaterials and Development of New Nanofabrication Techniques**
- 2. Quantum Effects in Nanostructured Photonic Metamaterials – Theory**
- 3. Superconducting Metamaterials**
- 4. Active and Switchable Metamaterials**

In addition, we are looking to appoint four PhD Students to research various aspects of Photonic Metamaterials.

For more information and details of application procedures please visit www.metamaterials.org.uk.