

Materials Chemistry Forum**CHEMICAL NANOSCIENCE
AND NANOTECHNOLOGY****University of Nottingham, UK
23 March 2005**

This meeting will focus on the latest research into self-assembly for nanostructure fabrication in its broadest sense and the implications of this research for bottom-up and top-down nanomaterials synthesis.

This is particularly timely as the recent Royal Society report on nanotechnology has identified self-assembly as an area of key importance underpinning developments in the production of nanomaterials, nanowires, bionanotechnology, including biopolymers and lithographic techniques for the electronic/semiconductor sectors.

Programme**An Integrated Systems-Oriented Approach to Molecular Electronics**

Professor J Fraser Stoddart, *UCLA, USA*

CNT Templated Assembly of Functional Nanoscale Devices

Professor Donald Fitzmaurice, *University College Dublin, Ireland*

Molecules in Carbon Nanotubes

Dr A Khlobystov, *University of Nottingham, UK*

Improving Pictures using Nanomaterials

Dr Ian Newington, *Kodak, UK*

Nanoconfinement effects in Functional Polymers

Dr Wilhelm Huck, *University of Cambridge, UK*

Supramolecular chemistry at the liquid/solid interface probed by STM

Dr Steven de Feyter, *Katholieke Universiteit Leuven, Belgium*

DNA Self-Assembly and Molecular Machinery

Professor Andrew Turberfield, *University of Oxford, UK*

DNA: Not Merely the Secret of Life

Professor Ned Seeman, *University of New York, USA*

To see the full programme with timings or information on posters, visit the web site:
www.mmsconferencing.com/nanoscience.html

Or contact:

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RSC Nanoscience and Nanotechnology Group

The RSC is pleased to announce that this will be the inaugural meeting of its Chemical Nanoscience and Nanotechnology subject group. Any RSC member interested in getting involved with this group should contact Professor Neil Champness, University of Nottingham (neil.champness@nottingham.ac.uk).

