

CALL FOR PAPERS

MC7: Functional Materials for the 21st Century

University of Edinburgh, UK
5 – 8 July 2005

The Materials Chemistry Forum of the RSC is pleased to announce the call for papers for Materials Chemistry 7, to be held in 2005 at the University of Edinburgh.

The programme aims to cover the full breadth of Materials Chemistry and will be interspersed with one-day symposia to highlight key technological applications and research at the interface between Chemistry, Biology, Physics and Materials Science.

Scientific Programme

The programme will consist of a number of core themes and one-day symposia running throughout the conference. These are:

Soft and Molecular Materials

Porous polymers
Self-assembly, self-organisation and self-replicating materials: Synthesis and Application
Synthetic molecular motors

Solid State Materials

Frontiers and innovation in solid state synthesis
Meso and microporous materials synthesis
Atypical properties and remarkable functionality of solid state materials

Bio-inspired Materials

Biomineralization
Biomimetic materials: synthesis and application

Materials for Sustainable Energy

New materials for the hydrogen economy
Materials for fuel cells

Materials under Extreme Conditions

Synthesis under extreme conditions
Properties of materials formed under extreme conditions

Biomaterials Chemistry

Polymers for biomaterials
Probes, bio-sensors and bio-applications

Molecular Electronics

Single molecule electronics and supramolecular assembly
Polymer electronics from synthesis to consumer devices

Nanomaterials

Nano-materials for photo-voltaics
Synthesis, characterisation and application of nanoparticles
3-D nano-engineered assemblies

Abstracts for papers on all aspects of Materials Chemistry are now invited for oral or for poster presentation.

Information on all aspects of the conference, including becoming a sponsor and how to submit an abstract, can be found on the website: www.rsc.org/MC7

DEADLINES FOR ABSTRACT SUBMISSION

Poster presentation abstracts – Friday 1 April 2005



www.rsc.org/MC7

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Iom³

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Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry (MTSC)

1-5 June 2005 Tallinn, ESTONIA



Topics: new solvents and reaction media, catalysis and bio-catalysis, and development of new analytical techniques based on miniaturization and nanotechnology

COST Chemistry Action D29 workshop for workgroups is taking place during the conference.

One-day workshop for early stage scientists will be held in 1st June 2005.

Deadline for abstract submission, advantageous registration and accommodation reservation is February 28, 2005.

Registration and submission of abstracts online

www.sustainchem.ttu.ee

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