

Nanonet
ENVIRONMENTAL FATE AND
BEHAVIOUR OF NANOPARTICLES



 **SEB**
Society for Experimental Biology



 **NATURAL
HISTORY
MUSEUM**

6th International Conference on the **Environmental Effects of Nanoparticles and Nanomaterials**

**The Royal Society, London, Monday 19th - Wednesday 21st
September 2011.**

CALL FOR ABSTRACTS

Engineered nanoparticles and nanomaterials offer many potential benefits to society and the nanotechnology industry is still in an exponential growth phase, but with increasing requirements for information on the safety and potential environmental effects of their products. Environmentally sustainable, and sensible use of nanotechnology, is underpinned by detailed knowledge of the fate, behaviour and biological effects of nanomaterials on organisms and ecosystems. Second generation nanomaterials are now emerging, and environmental effects of these materials need to be established. This meeting is the sixth international meeting on this topic following the success of the 5th meeting held in Clemson, USA, last year. The venue for 2011 will be the prestigious Royal Society building in London, UK. Presentations are welcome on all areas of nanoscience, and the themes below are especially encouraged:

THEMES

- **Chemical and physical properties of manufactured or natural nanoparticles and other nanomaterials in the environment.**
- **Fate, behaviour, interaction and biogeochemistry.**
- **Toxicological and ecotoxicology.**
- **Effects of nanomaterials on microbes, plants, animals, and ecosystems.**
- **Detection, measurement and bioassays for nanosubstances.**
- **Environmental risk assessment, life cycle analysis, modelling, human health.**
- **Environmental and industrial applications of nanotechnologies.**
- **Horizon scanning for new materials and knowledge transfer on effects.**
- **Regulation, legislation, policy and public perception of nanotechnology.**

Invited Speakers:

To be confirmed from the USA, Canada, Europe, Asia, Australia.

Key Dates:

Feb 5 Call for abstracts:
May 20 Deadline for abstracts
June 30 Deadline for Early registration (£240, £390, £430)
July 31 Deadline for Late registration (£280, £430, £470)

Further Information, Registration and Abstract Submission

You are invited to submit abstracts for oral and poster presentations on any of the themes above. We would particularly encourage presentations on work that is in progress, as well as completed work. Young scientists working at the bench are also encouraged to attend.

Abstract and Registration

Go to the Society for Experimental Biology, meetings page for information on the abstract submission process and for registration.
<http://www.sebiology.org/meetings/index.php> Administrative enquiries about abstract submission or registration/payment can be made to Talja Dempster at the SEB office: on 02076852600 or email t.dempster@sebiology.org

Registration fees (including all meals):

	Early (before 30 th June)	Late (before July 31 st)
PhD students	£240	£280
SETAC/SEB members	£390	£430
Full	£430	£470

Fees are **inclusive of all meals** and refreshments during the **three day** conference and include: full registration, oral sessions, poster sessions, lunch and refreshments during the day, hot evening meal and poster session on Monday, hot conference meal/social event on the Tuesday, and the book of abstracts.

On behalf of the organising committee: Prof. Richard Handy (Plymouth); Dr Eva Valsami-Jones (Natural History Museum); Prof. Richard Owen (ECEHH); Dr Frank vd Kammer (Vienna), Prof. Stephen Klaine (Clemson, USA); Prof. Jamie Lead (Birmingham, UK). Scientific enquires to Richard Handy (rhandy@plymouth.ac.uk).

★ Nano Chemistry and Ecotoxicology Training Workshop ★ 22nd and 23rd September 2011.

The course is aimed at PhD students and early career scientists wanting practical training in aspects of nanoparticle characterisation and ecotoxicity assays. The practical course will run for two days, hosted locally in laboratories at Imperial College.

Registration fee for the course: PhD student members: £250. Others: £300. The fee includes the training and lunch. Register by the deadlines on the meeting link above. Book early as places are limited. Scientific enquires to Dr Valsami-Jones (e.valsami-jones@nhm.ac.uk).