

**Nanonet**  
ENVIRONMENTAL FATE AND  
BEHAVIOUR OF NANOPARTICLES

  
UNIVERSITY OF  
BIRMINGHAM

 NATURAL  
ENVIRONMENT  
RESEARCH COUNCIL



Collaborative Research  
Network in Nanotechnology



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3<sup>rd</sup> International Conference on the  
**Environmental Effects of Nanoparticles and  
Nanomaterials**  
University of Birmingham, Mon 15<sup>th</sup> - Tues 16<sup>th</sup> September 2008.

## CALL FOR ABSTRACTS

Engineered nanoparticles and nanomaterials offer many potential socio – economic, health and environmental benefits as a result of novel properties and behaviour that materials can exhibit when manufactured at the nanoscale. While the production of nanomaterials is undergoing exponential growth, their biological effects and environmental fate and behaviour are relatively unknown. This meeting is the third international meeting on this topic following the success of the 2nd meeting held in London last year. The venue for 2008 will be the University of Birmingham.

### THEMES

- **Chemical and physical properties of manufactured or natural nanoparticles and other nanomaterials in the environment.**
- **Fate, behaviour, interaction and biogeochemistry.**
- **Toxicological, ecotoxicology and biological effects.**
- **Detection, measurement and bioassays for nanosubstances**
- **Environmental Risk Assessment, Life Cycle Analysis, modelling and human health.**
- **Environmental and industrial applications of nanotechnologies**
- **Positive effects of nanoparticles in the environment : remediation**
- **Knowledge transfer e.g. what can we learn from ultrafines or other particulates?**
- **Regulation, legislation, policy and public perception of new technology**

### Invited Speakers:

Vicki Colvin, Professor of Chemistry and Professor of Chemical and Biomolecular Engineering, Rice University, Houston, Texas

Greg Goss, Professor of Biological Sciences, University of Alberta, Canada

Richard Jones, EPSRC Professorial Fellow and Senior Strategic Advisor for Nanotechnology, Professor of Physics, Department of Physics and Astronomy, University of Sheffield, UK.

Steve Klaine, Professor of Aquatic Toxicology, Water Quality and Risk Assessment, Department of Environmental Toxicology, Clemson University, South Carolina

### Key Dates:

Feb 1 <sup>st</sup>	Call for abstracts:
June 30 <sup>th</sup>	Deadline for abstracts
	Deadline for Early registration (£215, £175, £160)
July 18 <sup>th</sup>	Notification of acceptance of abstract
Aug 1 <sup>st</sup>	Deadline for Late registration (£250, £200, £200)

### Abstract submission and Registration:

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.

Details of abstract submission and registration can be found at the Nanonet website <http://www.gees.bham.ac.uk/research/nanonet/conference>

	Early (before June 30)	Late (before Aug 1)
PhD students	£160	£200
SETAC/SEB/SCI members	£175	£200
Full	£215	£250

Fees include: Full registration, oral sessions, poster sessions, lunch and refreshment, book of abstracts and conference dinner.



## **NEW for 2008 Course on Fate and Effects of Engineered Nanoparticles in the Environment**

This one day course taking place on Sunday 14<sup>th</sup> September is aimed at providing an insight into ecotoxicology and chemistry of nanoparticles in the environment to industry and those involved in the manufacture and use of nanoparticles.

The cost of the course is £190 and attendees at both events will receive a 20% reduction in registration fees for the course.

On behalf of the organising committee, Dr Emma Smith ([e.l.smith@bham.ac.uk](mailto:e.l.smith@bham.ac.uk)), Dr Jamie Lead ([j.r.lead@bham.ac.uk](mailto:j.r.lead@bham.ac.uk)), Dr Richard Handy ([rhandy@plymouth.ac.uk](mailto:rhandy@plymouth.ac.uk)) & Dr Richard Owen ([richard.owen@environment-agency.gov.uk](mailto:richard.owen@environment-agency.gov.uk)).