

Environmental Effects of Nanoparticles and Nanomaterials

4 – 5 June 2009

University of Birmingham

Continuing Professional Development/Summer School

Manufactured 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 two day course is designed for those with interests in human and environmental health implications of nanoparticles and is recommended for PhD students, postdoctoral researchers and those in industry and government involved with nanoparticles.

Themes

Nanoscience and nanotechnology fundamentals, including applications

- Chemical and physical properties of manufactured nanoparticles.
- Environmental fate, behaviour, interaction and biogeochemistry.
- Human toxicology, ecotoxicology and biological effects.
- Detection and measurement of nanoparticles.
- Regulation, legislation, policy and public perception of new technology.

Course Organiser

This course is organised through the NERC sponsored Knowledge Transfer Network (Nanonet) and the [NERC Facility for Environmental Nanoparticle Analysis and Characterisation \(FENAC\)](#) by [Professor Jamie Lead](#), Professor Environmental Nanosciences, Nanonet head and Director of FENAC.

The two day course will consist of both lectures from a number of world leading specialist speakers and a hands-on tour of the laboratories for physical, chemical and biological analysis of the environmental effects and behaviour of nanoparticles.

Audience

The summer school / CPD course is designed for those working with nanoparticles in any way, including their development, their use, their disposal and their environmental effects. The course will be of interest to those working in industry, government and academia.

Registration

Online registration is now open at <https://www.bhamonlineshop.co.uk/events/eventdetails.asp?eventid=43>

The costs of registration are £285 for the two day course.

NERC PhD students will receive a 20% discount. The price includes one night hotel accommodation. If attendees wish to organise their own accommodation, they will be charged £225 (with 20% discount for NERC PhD students).

If you wish to register two or more delegates from the same institute please contact m.a.jordan@bham.ac.uk to receive a 10% discount on registration.

Questions of an academic nature can be sent to Professor Jamie Lead.

Contacts

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