



CERC3 Young Chemists Workshop 2002

Atmospheric Chemistry and Particulate Matter

June 3-6, 2002

Birkerød, Denmark

SCOPES

This workshop will bring together young research chemists at the start of their careers in the field of atmospheric chemistry and particulate matter. The goal is to promote exchange of experiences and results, encourage international collaboration and collaboration between research chemists doing laboratory measurements, theory, modelling, and field measurements related to particulate matter. This goal will be reached through talks and poster presentations given by the participants, keynote lectures, group work and discussion.

Atmospheric particulate matter is the term used for particles suspended in the atmosphere. These particles are of anthropogenic or natural origin and their diameters range from a few nanometers to several micrometers. They are either emitted directly into the atmosphere for example from automobile exhaust, biomass burning and sea-spray or generated by gas-to-particle conversion of chemical species in the atmosphere. Atmospheric particles are multiphase systems (solid, liquid or both) and due to the multitude of sources their chemical composition and physical properties varies widely. Since little is known about the formation, chemical and physical properties of atmospheric particles the field presents important and unique challenges for the young chemists of today.

This workshop will focus on the formation and properties of particles in urban and remote areas, their chemical and physical properties and their ability to control the formation of clouds and fogs.

Organisation

Local Workshop Organiser:

Dr. Merete Bilde
University of Copenhagen
Department of Chemistry
Universitetsparken 5, DK-2100 Copenhagen
Denmark
Phone: + 45 35 32 03 29
Secretariat: + 45 35 32 03 00
Fax: + 45 35 35 06 09
e-mail: mbilde@kiku.dk

CERC3 Adviser:

Prof. Ole John Nielsen
University of Copenhagen
Department of Chemistry
Universitetsparken 5, DK-2100 Copenhagen
Denmark
Phone: + 45 35 32 03 31
Secretariat: + 45 35 32 03 00
Fax: + 45 35 35 06 09
e-mail: ojn@kiku.dk

CERC3 Enquiries:

Annie Dalbéra
CERC3 co-secretary with Karlheinz Schmidt
CNRS
Département Sciences Chimiques
3 rue Michel Ange,
75794 Paris Cedex 16
France
Phone: + 33 (1) 44 96 40 87
Secretariat: + 33 (1) 44 96 40 93
Fax: + 33 (1) 44 96 53 70
e-mail : annie.dalbera@cnrs-dir.fr

Practical Organisation

Total participation costs involving registration fee and full-board single room accommodation are estimated to be 5500 DKR.

Other various useful informations already known

Date: Arrival and check in: June 3, 3-5 pm
Departure: June 7, 9.30 am

Location: Magleås Kursuscenter, Birkerød, Denmark
<http://www.magleaas-kursuscenter.dk/>

Keynote Speakers: Dr. Urs Baltensperger (Poul Cherrer Institute, Switzerland)
Prof. Roy M. Harrison (The University of Birmingham, United Kingdom)
Prof. Regina Hitzenberger (University of Vienna, Austria)
Dr. Thorsten Hoffmann (ISAS, Germany)
Prof. Markku Kulmala (University of Helsinki, Finland)
Prof. Nikos Mihalopoulos (University of Crete, Greece)
Prof. Spyros N. Pandis (Carnegie Mellon University, USA)
Dr. Frank Raes (ISPRA, Italy)

In continuation (June 7-9) of the CERC3 Young Chemists Workshop is “The Third Informal Conference on Reaction Kinetics and Atmospheric Chemistry” which will take place at LO-skolen Conference Center Helsingør, Denmark. CERC3 Young Chemists Workshop participants are strongly encouraged to participate in this conference also. The registration fee for the “The Third Informal Conference on Reaction Kinetics and Atmospheric Chemistry” is 2500 Danish Crowns and covers food, lodging and conference proceedings. Bus transfer between Magleås Kursuscenter and the LO school will be arranged. Please see <http://k15alfa.ki.ku.dk/noneck/index.html> for more information on “The Third Informal Conference on Reaction Kinetics and Atmospheric Chemistry”.

