



SCS  
Swiss Chemical  
Society



## INVITATION and CALL FOR PAPERS

### **EuCheMS International Conference on Chemistry and the Environment ICCE 2011**

Zurich, Switzerland, 11-15 September 2011

<http://www.icce2011.org>

#### Emerging Issues in Environmental Chemistry: from Basic Research to Implementation

The 13<sup>th</sup> biannual conference organized by the Division of Chemistry and the Environment (DCE) of the European Association of Chemical and Molecular Sciences (EuCheMS) will be held from 11 to 15 September 2011 in Zurich, Switzerland. ICCE 2011 will be hosted by the Swiss Chemical Society in cooperation with the Division of Environmental Chemistry and Ecotoxicology of the German Chemical Society (GDCh, Gesellschaft Deutscher Chemiker). Several environmental research institutes in the area of Zurich support the organisation of ICCE 2011.

ICCE provides a unique communication and discussion platform for environmental scientists with emphasis on chemistry and ecotoxicology.

The main targets of ICCE 2011 are:

- To link pioneering research with existing and up-coming environmental issues.
- To discuss fundamental and applicable aspects related to the fate of chemicals in the environment.
- To generate awareness for emerging contaminants.

#### **Abstracts**

We encourage all the participants to make a presentation at the conference.

Abstracts submission is now open and will be possible until **May 1st, 2011** at:

[http://www.icce2011.org/site/index.php?option=com\\_chronocontact&chronoformname=abstracts](http://www.icce2011.org/site/index.php?option=com_chronocontact&chronoformname=abstracts)

You are invited to submit a **one-page abstract** for an oral presentation or poster contribution.

#### **Registration Details**

Registration is open, with discounted registration available for students and members of any society affiliated to EuCheMS. Full details about registration: <http://www.icce2011.org>

Early registration:

Until 1 July: EuCheMS member: 525 CHF (about 400 €) / EuCheMS student member: 450 CHF (about 350 €)

#### **Conference Fellowships**

Funds are available to support travel, registration and accommodation costs for young scientists in particular from Eastern European countries and from Germany.

Applicants should send a short Curriculum Vitae, a one-page abstract and a motivation letter to:

[icce2011zurich@demariaevent.ch](mailto:icce2011zurich@demariaevent.ch)

#### **Contact**

If you cannot find the information you need on the website, please do not hesitate to contact:

- **Scientific programme, topics, conference content**  
Walter Giger, ICCE 2011 Conference President [giger@giger-research.ch](mailto:giger@giger-research.ch)
- **Registration, payment, abstract submission, logistics, travel, funding, organizational issues**  
Paolo Demaria, ICCE 2011 Conference Secretariat [icce2011zurich@demariaevent.ch](mailto:icce2011zurich@demariaevent.ch)

## Sessions and Invited Keynote Lectures

### ➤ **Emerging Organic and Inorganic Contaminants**

*"Challenges in Identifying the Next Generation of Persistent and Bioaccumulative Chemicals"*

Derek Muir, Environment Canada, Ottawa, Canada

*"The Public Health Impact of Selenium and Arsenic - The Key Role of Speciation in the Environmental Cycle and in the Human Body"* - Laurent Charlet, University of Grenoble, France

### ➤ **Nanomaterials**

*"Release of Nanomaterials to the Environment"* - Bernd Nowack, Empa, Switzerland

*"Development of Analytical Methods for Measurements of Engineered Nanomaterials in Environmental Samples"* - Martin Hassellöv, University of Gothenburg, Sweden

### ➤ **Drinking Water Quality and Treatment Including Groundwater Contamination**

*"Multiple Goals of Drinking Water Production: The Pivotal Role of Source Water Pollution Control and Assessment of Treatment Processes"* - Carsten Schmidt, Waterworks RheinEnergie, Germany

*"Radiocarbon Tracing of Transport Dynamics and Microbial Sources in Surface and Subsurface Aquatic Environments of Pristine and Anthropogenically-impacted Character"*

Timothy Eglinton, ETH Zurich, Switzerland

### ➤ **Atmospheric Chemistry and Aerosols**

*"Revisiting the Sources, Formation Pathways, Properties and Impacts of Atmospheric Organic Aerosols"*

Spyros Pandis, University of Patras, Greece

*"Atmospheric Trace Gas Degradation and Secondary Pollutant Formation: New Insights from Process Studies"* - Andreas Wahner, Research Center Julich, Germany

### ➤ **Soil and Sediment Pollution**

*"The Two Benign Faces of Black Carbon: Reduction of POP Risk and Carbon Sequestration as Biochar"*

Gerard Cornellissen, Norwegian University of Life Sciences, Norway

*"Dynamics of Metal Remobilisation in Soil and Sediment"* - Hao Zhang, Lancaster University, United Kingdom

### ➤ **Biochemical and Chemical Transformation Processes**

*"Enzymes of Microbial Organochlorine Metabolism"* - Dick B. Janssen, Groningen, The Netherlands

*"Environmental Photochemistry: from Triclosan to Dioxins"* - Kristopher McNeill, ETH Zurich, Switzerland

### ➤ **Model Evaluation and Model Prediction for the Environmental Fate of Chemicals**

*"Development, Evaluation and Application of Models in Environmental Chemistry"*

Matthew MacLeod, Stockholm University, Sweden

*"What Determines the Spatiotemporal Variation of Environmental Exposure? Insights from Global Multicompartmental Modelling"* - Gerhard Lammel, Max Planck Institute for Chemistry,

Mainz, Germany, and Masaryk University, Brno, Czech Republic

### ➤ **Effects to Organisms and Ecosystems**

*"Early Exposure and Late Effects: Emerging Issues in Early Life Exposure to Chemicals"*

Juliette Legler, VU University Amsterdam, The Netherlands

*"Towards Ecosystem-relevant Ecological Risk Assessment: Pleonasm, Oxymoron or Vision?"*

Ivana Teodorovic, University of Novi Sad, Serbia

## Satellite Events on Sunday 11 September

### ➤ **Per- and Polyfluorinated Chemicals**

### ➤ **Nanoregulation**

### ➤ **Nontarget Screening**

### ➤ **Good Modelling Practice**