

Discussed Topics

Redox-active monomers, polymers and materials:
basic research and application

Electrochemistry of nanostructures and electrochemical methods for their investigation

Electrosynthesis of molecules and materials

New electroanalytical techniques for characterization of redox-active species, materials and supramolecular assemblies

Electrochemistry of molecules and materials in non-conventional environments

Invited Speakers

Prof. Dr. Klaus Müllen,
Max-Planck-Institute for Polymer Research, Mainz, Germany

Prof. Dr. Marcin Opallo
Institute of Physical Chemistry Polish Academy of Sciences,
Warszawa, Poland

Prof. Dr. Kevin D. Moeller
Department of Chemistry Washington University, St. Louis,
USA

Prof. Dr. Alan Bond
Electrochemistry Group, Monash University, Australia

Prof. Dr. Lorenz Walder
Institut für Chemie, Universität Osnabrück, Germany

Local Organization

Bernd Speiser, Tübingen
Gunther Wittstock, Oldenburg
Jürgen Heinze, Freiburg
Britta Rochier, Tübingen

Scientific Committee

Merete F. Nielsen (Denmark)
Philippe Hapiot (France)
Jiri Ludvik (Czech Rep.)
Kim Daasbjerg (Denmark)
Flavio Maran (Italy)
Bernd Speiser (Germany)

Contact Address

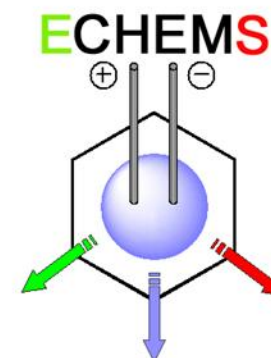
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5th ECHEMS Meeting

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5th ECHEMS Meeting

**Electrochemistry in...
Functional Molecules and Materials**



Weingarten, Germany

June 7–10, 2009

The design and development of materials with advanced and new functions (e.g., electric, optical, and magnetic properties, electrochromism, catalytic activity) is one of the key challenges in a changing world. Chemists understand a material on the basis of the constituting molecules, and these possess functionality themselves. Electrochemistry contributes to the progress in this exciting field through both synthetic and analytical approaches. Electron transfer to and from surface confined or dissolved species (sometimes in non-conventional environments such as ionic liquids) facilitates the synthesis of new molecules and materials. It allows the detailed characterization of their properties and it might switch on and off desirable features. At the heart of scientific research in this area is a mechanistic understanding of the underlying (electro)chemical reactions. In addition, the knowledge of how the properties change as one goes from molecules to molecular assemblies, nano-objects and, eventually, bulk materials is also essential. Experimental studies using electrochemical methods with high temporal and spatial resolution complemented by spectroscopic techniques contribute to the investigation of fundamental and applied problems not only in electrochemistry but also in synthetic chemistry, materials science and surface science. The 5th ECHEMS meeting will support the interaction between these scientific areas. Distinguished invited lecturers, as well as senior and young researchers from all over the world will have the opportunity to exchange ideas in lectures, posters and intensive discussions to trigger collaborations in the stimulating environment of a quiet former monastery. Interested scientists are strongly encouraged to contribute to these developments.



Akademie, Weingarten

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Electrochemistry in... Functional Molecules and Materials

<http://www.echem.uni-tuebingen.de/echems5>

Conference Fee

Regular participant

475,00 €

PhD students and post-doc fellows

315,00 €

Date and Place

Arrival at the conference center and registration: Sunday June 7th, 2009 afternoon. Departure on Wednesday June 10th, 2009 after lunch.

No matter where you are coming from, the most easy way to reach Weingarten is to travel via Stuttgart, Ulm or Friedrichshafen.

Transportation to and from Weingarten/Berg train station will be organized.



The 5th ECHEMS meeting will take place in the south-west of Germany, a beautiful region called Oberschwaben, close to the Schwäbische Alb and the Lake Constance.

Deadlines

Pre-registration, abstract

February 1st, 2009

Final registration, payment

March 1st, 2009

Registration

For registration and payment please download the required document from the website and send it back by mail or fax.

Information and Downloads

<http://www.echem.uni-tuebingen.de/echems5>



Lake Constance