



## 4<sup>th</sup> ECHEMS Meeting

### Electrochemistry in “Biorelevant materials and Supramolecular Systems”



APAS Holidays Village,  
Camaret-sur-mer, Finistère, FRANCE  
June 25 – 28, 2008

**ECHEMS** is a young international organization aimed at promoting the use and development of electrochemistry as a powerful tool to study scientific problems in hot areas of current research. ECHEMS was established in 2004 as a fusion of the former EUCHEM Meetings of Electrochemistry and the Sandbjerg Meetings on Organic Electrochemistry. The logo of ECHEMS is meant to stress that new challenges are waiting for original electrochemical contributions.



The topic addressed by the 4<sup>th</sup> ECHEMS Meeting is :

### Electrochemistry in "Biorelevant materials and Supramolecular Systems"

The selection of this specific topic originates from our belief that electrochemistry is now playing a pivotal role for the understanding of biorelevant and supramolecular processes, concurrently through the study of biological materials and supramolecular/polymeric systems. A major address is: how to domesticate biological electron-transfer for improving life and inspiring sustainable nanodevices.

A special stress will be addressed on the understanding of mechanisms and nanoarchitectures by outstanding electrochemical approaches such as ultra-microelectrodes, electrochemical-microscopic and –spectroscopic techniques, as well as by surface modification and studies in new phases. Distinguished lecturers are invited to introduce some of the most relevant and up-to-date aspects of the selected topics. Their goal shall be to trigger interest, new ideas and collaboration in this area, especially between young international researchers. Authors are strongly encouraged to interact by the presentation of oral papers (about twenty five) as well as by posters.

#### Discussed topics

- ✓ Biomolecules, enzymes and models
- ✓ Supramolecular systems and nanostructures
- ✓ Membranes
- ✓ Polymers and functionalized electrodes
- ✓ Ionic liquids
- ✓ Nanosensors, molecular probes
- ✓ Fuel cells in energy transformation
- ✓ Biomacromolecules, DNA, Proteins
- ✓ Electroanalysis and electrocatalysis
- ✓ Molecular electronics

#### Invited Speakers

**Serge Cosnier (UJF, Grenoble, France)**  
**Angel Kaifer (Univ. Miami, FL, USA)**  
**Dónal Leech (NUI, Galway, Ireland)**  
**Benoit Limoges (Univ. Paris 7, Paris, France)**  
**Patrick Unwin (Univ. Warwick, Coventry, U.K.)**  
**Masayoshi Watanabe (Yokohama Nat. Univ., Japan)**  
**R. Mark Wightman (UNC, Chapel Hill, USA)**

## Scope

The purpose of the ECHEMS meetings is to gather young and more experienced scientists to present and discuss the results of their research in a very informal and friendly atmosphere. Participation of young researchers, graduate students, and post-doctoral fellows is particularly encouraged. In keeping with the informal spirit of these meetings and the wish to promote personal contacts between all the participants, the participation will be limited to a restricted number of people, 50-80, who will be accommodated for 3 days at the conference site.

The ECHEMS Meetings will be held annually, at the end of June as a rather small international conference and the main topic and host country will be changed every year. (1st ECHEMS Venice/Italy 2005, 2nd ECHEMS La Palma/Spain-Canary Islands 2006, 3rd ECHEMS Třešt Castle/Czech Republic). Information is available at the website: [www.chem.au.dk/echems](http://www.chem.au.dk/echems).



## Date and place

The 4<sup>th</sup> ECHEMS Meeting will be held in far western Brittany, in an attractive, peaceful location surrounded by the Atlantic Ocean and beautiful preserved wild sceneries. The APAS Holidays Village is located in the

small harbour of Camaret sur Mer, about 70 kms south of Brest (International Airport and High Speed Train TGV from Paris).

Arrival at the Village and registration:

Wednesday June 25, 2008 afternoon. Transportation will be organized from Brest on the basis of specified flights and trains.

Departure from the Village to Brest: Saturday June 28, 2008 (after lunch).



## Conference Fee

Participant: € 450  
PhD students and post-doctoral fellows: € 300

The fee will cover all **organizing costs**, the **transport** from/to Brest, the **accommodation** in single or double rooms with bathroom, **full board**, welcome **cocktail**, a **half-day excursion**, the **banquet** and **refreshments** (coffee, soft drinks and cakes) during the meeting. Possible ways of supporting students are under consideration.

## Registration

The planning of the meeting will be much easier if you fill in the attached (or downloaded from <http://www.univ-brest.fr/echems08>) preliminary Registration Form and send it to organizers by fax +33 (0)2 98 01 70 01 or email [echems08@univ-brest.fr](mailto:echems08@univ-brest.fr)

## Deadlines

Pre-registration and abstract: February 29, 2008  
Final Registration, payment: March 28, 2008

## Scientific Committee

Yves Le Mest (2008 Chair)	Brest (France)
Philippe Hapiot	Rennes (France)
Jiri Ludvik	Prague (Czech Rep.)
Kim Daasbjerg	Aarhus (Denmark)
Flavio Maran	Padova (Italy)
Merete F. Nielsen	Copenhagen (Denmark)
Bernd Speiser	Tübingen (Germany)

## Local Organizers

Yves Le Mest, Philippe Hapiot  
Julienne Charlier, Corinne Lagrost  
Jean-François Bergamini, Bénédicte Douziech,  
Nicolas Le Poul

## Contact Address

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