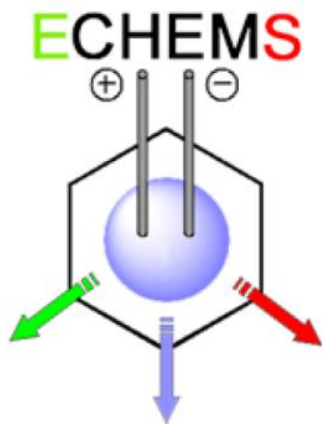


Second Circular



11th ECHEMS

Electrochemistry

in Renewable Energy based on
Molecular Mechanisms

June 15 – 18, 2015

Bad Zwischenahn, Germany

<https://www.echems2015.uni-oldenburg.de/>

ECHEMS is an international series of meetings established in 2006 aimed at promoting the development of electrochemistry as a powerful tool to study scientific problems in diverse hot areas of research. The leading topic of the 11th meeting will be: ***Electrochemistry in renewable energy based on molecular mechanisms.***

Topics

- New electrochemistry for redox flow batteries
- Electrocatalytic activation of small molecules
- Molecular reactions in batteries for energy storage
- Molecular electrochemistry in new fluid electrolyte systems for extreme potentials
- Energy conversions at liquid-liquid interfaces, interfacing biology to electrodes
- Charge transfer reaction of molecules in photoelectrochemical systems

Scope

Providing a growing world population with a sustainable source of energy while avoiding disposal and storage problems with adverse effects on other natural conditions for mankind, remains one of the grand future challenges. The recent developments in Germany and neighbouring countries have demonstrated that it might indeed appear feasible within one generation to supply the total amount of energy needed for a highly industrialized economy exclusively by wind and solar power. However, those energies can only be harvested intermittently and demand and supply follow disconnected temporal patterns.

Scientific Committee

Alexander Kuhn, University of Bordeaux

Frank Marken, University of Bath

Patrizia Mussini, University of Milan

Marcin Opallo, Warsaw University

Steen Uttrup Pedersen, University of Aarhus

Gunther Wittstock, Carl-von-Ossietzky University

Local Committee

Carsten Dosche

Mehtap Özaslan

Gunther Wittstock

Plenary Speakers

Hubert H. Girault (Lausanne)

New chemistries for electricity storage in fluid phases

Tsukasa Yoshida (Yamagata)

Solar cells from electrochemical self-assembly of inorganic/organic hybrid nanostructures

Uwe Schröder (Braunschweig)

Wired microbiology - mechanisms, facts and visions

Petr Novak (Villingen)

*Interface reactions in nonaqueous batteries:
A journey from 3 to 5 Volts*

Francesco Paolucci (Bologna)

*NanoCarbon-based Electrocatalytic Composites
for the Artificial Leaf*

Programme

The meeting will be conducted as a single session meeting with plenary lectures, contributed lectures and poster session.

Framework Programme

The organizers are planning an excursion to the very popular 'Klimahaus Bremerhafen'

(<http://www.klimahaus-bremerhaven.de>)

for all conference participants.

The Klimahaus Bremerhaven is a unique world of knowledge and experience, focused on climate and weather. It shows the visitors the different perspectives for the future and gives them an idea of the various opportunities. Furthermore, an integrated weather studio explains to the visitors how extreme our weather can be. How will our climate change? What can we do to protect our planet?

Conference Fee

incl. accommodation, meals, conference facilities, coffee breaks and excursion are:

600 Euro single room accommodation

500 Euro discount rating (accommodation in double room)

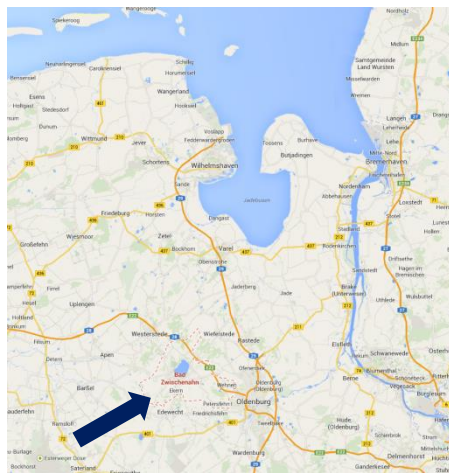
Please note that the conference hotel is already overbooked and we cannot guarantee an accommodation at the conference venue for participants that have not registered yet.

If you decide to arrange your accommodation by yourself, you will have to pay a reduced conference fee of 360 EUR which includes admission to the conference, lunch (Tue, Wed), dinner (Mon, Tues, Wed), coffee break and excursion.

Moin Moin in Bad Zwischenahn Good Day in Bad Zwischenahn



Bad Zwischenahn is a registered recreation location (title 'Bad') and home to several large scale medical recovery facilities and a prime tourist destination. It is in the center of a region called Ammerland - The Garden Landscape. Professional gardening companies (tree nurseries specialized on translocation outgrown trees for urban development projects) and food processing industry (starting from hand-craft smoked fish and meat to mass production of Bratwurst) shape the economy.



Support

This pages gratefully acknowledge institutions and companies that supported the meeting.



You are interested in donation or sponsoring?

Please contact

echems2015@uni-oldenburg.de

Registration

Please use for the registration:

<https://www.echems2015.uni-oldenburg.de/registration.html>

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