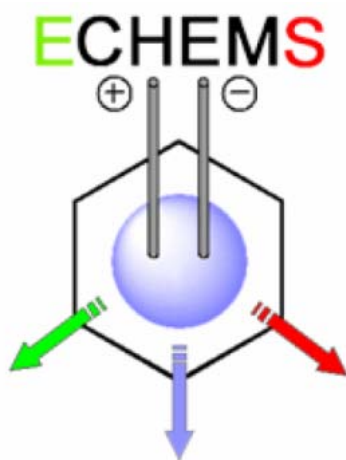


First Circular



# 11<sup>th</sup> ECHEMS

Electrochemistry

in Renewable Energy based on  
Molecular Mechanisms

June 15 – 18, 2015

Bad Zwischenahn, Germany

[www.echems2015.uni-oldenburg.de](http://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 11th issue of this meeting will be organized under the topic *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 of  
Oldenburg

## Local Committee

Izabella Brand

Carsten Dosche

Mehtap Özasan

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. It will only take place with at least 60 registered and paid participants. In case the meeting has to be canceled, paid registration fees will be paid back to the participants. The final decision about the organisation of the meeting is on 25 January 2015, final.

## Dates and Deadlines

Submission of oral contributions	<b>15 Dec. 2014</b>
Abstract Notification for a talk	8 Jan. 2015
Submission of oral contributions	<b>25 Jan. 2014</b>
Pre-registration	15 Dec. 2014
Final registration	<b>25 Jan. 2015</b>

## Conference Fee

600 Euro	for academic researchers
500 Euro	for graduate and PhD students, if accommodation is in a double room.

The registration fee includes accommodation, meals (Monday evening through Thursday morning, conference facilities, coffee breaks, excursion).

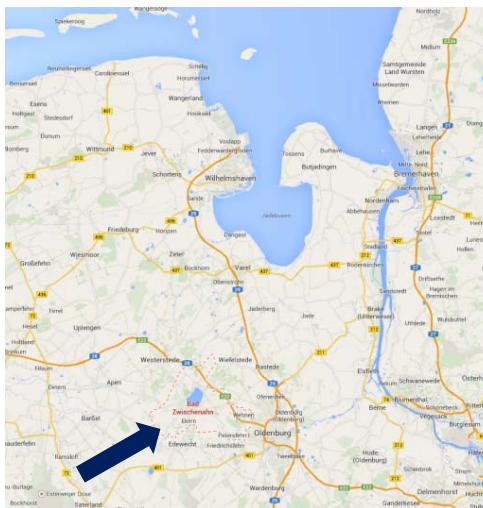
## Registration

Please download the required document from the website [www.echems2015.uni-oldenburg.de](http://www.echems2015.uni-oldenburg.de) and send it back by mail.

## 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 translating 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  
[gunther.wittstock@uni-oldenburg.de](mailto:gunther.wittstock@uni-oldenburg.de)

## Contact Address

Prof. Dr. Gunther Wittstock  
Department of Chemistry  
Carl von Ossietzky Universität Oldenburg  
[gunther.wittstock@uni-oldenburg.de](mailto:gunther.wittstock@uni-oldenburg.de)  
Phone: +49(0) 441 798 3971  
Fax: +49(0) 441 798-3979

More information:

[www.echems2015.uni-oldenburg.de](http://www.echems2015.uni-oldenburg.de)