

## PRE-REGISTRATION

In order to keep you updated and to remind of approaching deadlines you should register free of charge at

[www.gdch.de/electrochemistry2010](http://www.gdch.de/electrochemistry2010)

## CALL FOR PAPERS

Oral and poster contributions from all fields of electrochemistry are welcome. The conference will run in 4 plenary lectures and 3 parallel sessions organized to group thematically related talks into one session. Depending on the incoming abstracts these sessions are designed.

A poster session will offer additional space for sharing scientific results. The poster session will be combined with a Get-together Event at the first conference evening.

Abstract submission will be through the conference webpage

[www.gdch.de/electrochemistry2010](http://www.gdch.de/electrochemistry2010)

Your contribution will be part of the success of the meeting and will determine its main topics.

## SCIENTIFIC AWARDS

The following prizes for young scientists will be awarded during the conference. Please consult the web pages for details on the application procedure

- **Prize for the promotion of Young Chemists in the Field of Applied Electrochemistry**  
[www.gdch.de/strukturen/fg/aelchem/preis/fgjung.htm](http://www.gdch.de/strukturen/fg/aelchem/preis/fgjung.htm)
- **Metrohm/Autolab prize for the best poster contributions on Electrochemistry 2010**  
[www.gdch.de/electrochemistry2010](http://www.gdch.de/electrochemistry2010)
- **Joachim Walther Schultze Prize for young electrochemists**  
The new prize of the AGEF (Working Party of Electrochemical Research Institutions) will be awarded at Electrochemistry 2010.

## TIME SCHEDULE/DEADLINES

2 <sup>nd</sup> Circular (Registration Details)	February 2010
Deadlines for abstracts of contributed papers	March 15, 2010
Notification of acceptance for posters and oral contributions	April 30, 2010
Deadline for early registration, early registration is required for inclusion of oral contributions into the conference program	June 30, 2010
Conference	September 13-15, 2010

## CONFERENCE FEES

Conference fees will be as low as possible in order to allow broad participation of young scientists. Early registration rates

Members of joining scientific organizations	€ 200,-
Non-members	€ 250,-
Reduced fee for junior scientists (Members)	€ 50,-
Reduced fee for junior scientists (Non-members)	€ 70,-

Travel grants for junior researchers who present oral or poster contributions will be made available through the joining organizations and the conference organizers depending on sponsor contributions.

## CONFERENCE VENUE/LOCATION

The conference will take place at the Conference Center of the Ruhr University Bochum. This location will provide the opportunity to have lecture halls for plenary and parallel sessions in close proximity of the poster and exhibition area. Bochum is a regular stop for InterCityExpress trains. The closest airports are Düsseldorf, Dortmund and Köln/Bonn. Direct access to the interstate highway network is available.

## CONFERENCE OFFICE/INFORMATION

Please, consult the homepage at

[www.gdch.de/electrochemistry2010](http://www.gdch.de/electrochemistry2010)

for more and updated information.

The local organizers can be reached via email to the GDCh office

[tg@gdch.de](mailto:tg@gdch.de)

or the directly

[electrochemistry2010@ruhr-uni-bochum.de](mailto:electrochemistry2010@ruhr-uni-bochum.de)

Executive director: Professor Dr. Wolfram Koch  
Registered charity no: VR 4453 Registergericht Frankfurt am Main

## ELECTROCHEMISTRY 2010

From microscopic understanding  
to global impact



RUHR-UNIVERSITÄT BOCHUM  
SEPTEMBER 13<sup>TH</sup> – 15<sup>TH</sup> 2010

RUHR  
UNIVERSITÄT  
BOCHUM

RUB



Conference jointly organized by



Fachgruppe Angewandte Elektrochemie



Arbeitskreis Elektrochemische Analysenmethoden der GDCh-Fachgruppe Analytische Chemie (ELACH)



Deutsche Bunsengesellschaft für Physikalische Chemie (DBG)



Gesellschaft für Chemische Technik und Biotechnologie e.V. (DECHEMA)



Arbeitsgemeinschaft elektrochemischer Forschungsinstitutionen e.V. (AGEF)



Gesellschaft für Korrosionsschutz e.V. (GfKORR)



Deutsche Gesellschaft für Galvano- und Oberflächentechnik e.V. (DGO)

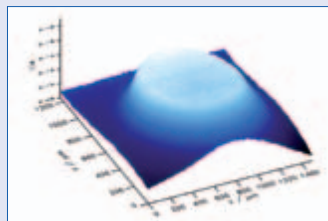
FIRST CIRCULAR & CALL FOR PAPERS

**AIMS AND MOTIVATION – INVITATION**

The success of the first Electrochemistry conference in Gießen 2008 jointly organized by Fachgruppe Angewandte Elektrochemie, Fachgruppe Analytische Chemie – Arbeitskreis Elektroanalytische Chemie, Bunsengesellschaft, DECHEMA, AGEF, GfKorr, DGO calls for a continuation of this conference format. It will provide a forum to highlight the common aspects in very different applications of electrochemical principals, experiments and technologies.

The successful organization frame of the first Electrochemistry conference will be kept. Four plenary speakers, partially outstanding electrochemists from abroad, will highlight trends that span different specialized topics in electrochemistry. Three parallel sessions introduced by keynote speakers will address current topics in all aspects from fundamental to applied electrochemistry making the conference the one national meeting point for electrochemistry in academia and industry. Design of these sessions will depend on the submitted abstracts.

As electrochemistry is a very interdisciplinary field we hope that our invitation will also be positively received by scientists in neighboring fields in which electrochemistry enjoys a growing attention.



While the meeting is primarily a national meeting, we cordially extend our invitation to electrochemists outside of Germany and indeed look forward to meet a sizable number for foreign scientists in Bochum.

The organizing committee invites all members of the organizing societies, interested colleagues from academia and industry as well as students to participate in the conference and to enrich its program by their scientific contributions.

See you in Bochum 2010!

**SCOPE OF THE CONFERENCE – TOPICS**

Electrochemistry influences many processes in our daily live, ranging from reliable electronic components produced through galvanic processes, sustainable energy production and storage in the present days and future, materials that contain electrochemically produced substances, electrochemically functionalized surfaces, electrochemical biosensors and bioelectrochemical processes. Though these application may seem extremely broad, the elementary processes are very similar and hence there are many common principles in designing experiments and theoretical concepts in the different fields. Despite its global and universal impact, many electrochemical processes are very localized because they occur at interfaces and these interfaces show often largely differing reaction rates in the horizontal plane.

We hope to span the range from the fundamental nature of these processes to the global impacts that can be made by their rational utilization in a conference program composed of plenary lectures, keynote lectures, contributed oral communications and posters. This will naturally include an intense discussion of the new experimental possibilities and conceptual influences received by electrochemistry from its neighboring disciplines.

Some of the anticipated focal points of the scientific program include

- **New batteries and electrochemical energy storage devices**
- **Fuel cells and electrocatalysis**
- **Solid state electrochemistry, ionic liquids and unconventional electrolytes and interfaces**
- **Biosensors and electroanalysis**
- **High throughput and combinatorial approaches in electrochemistry**
- **Advances in electrochemical synthesis and production**
- **Nanoelectrochemistry in production and surface characterization**
- **New deposition and coating strategies**
- **New fundamental insights from combined theory and experiments**

**SCIENTIFIC COMMITTEE**

Andreas Bulan (Leverkusen)	Klaus-Michael Mangold (Frankfurt)
Andreas Fischer (Ludwigshafen)	Fritz Scholz (Greifswald)
Andreas Friedrich (Stuttgart)	Wolfgang Schuhmann (Bochum)
Angelika Heinzel (Duisburg)	Thomas Turek (Clausthal)
Jürgen Janek (Gießen)	Gunther Wittstock (Oldenburg)
Olaf Magnussen (Kiel)	Margret Wohlfahrt-Mehrens (Ulm)

**LOCAL ORGANIZING COMMITTEE**

Wolfgang Schuhmann (Bochum)  
 Gunther Wittstock (Oldenburg)  
 Claudia Birkner (Frankfurt)  
 Christiane Dörr (Frankfurt)

**SCIENTIFIC PROGRAM**

The program will be organized in several thematic symposia introduced by a keynote lecture. The duration of these symposia will depend on the number of contributed papers.

The following scientists have agreed to deliver plenary lectures  
 Christian Amatore (Paris)  
 Katharina Krischer (Munich)  
 Daniel Mandler (Jerusalem)  
 Martin Winter (Münster)

**COMPANY AND BOOK EXPOSITION**

Companies are invited to submit requests for exhibition space (electrochemical equipment, books) to the local organizing committee.

**SOCIAL PROGRAM**

The conference dinner will take place in the new conference center of the Ruhr-Universität Bochum. The participation is included in the conference fee. An optional post-conference visit of the Henrichshütte in Hattingen will be organized on Wednesday afternoon for those staying overnight after the meeting.

The poster session on the evening of September 13, will be an opportunity for continued informal discussion. Drinks and snacks will be served free of charge.