

PRE-REGISTRATION

We will keep you updated and remind you of approaching deadlines if you register in the online news list at

www.gdch.de/electrochemistry2012

CALL FOR PAPERS

Oral and poster contributions from all fields of electrochemistry are welcome. The conference will have 3 parallel sessions organized to group thematically related talks. The sessions are designed according to the incoming abstracts. The conference language is English.

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/electrochemistry2012

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

- **Young Scientist Award of the GDCh Division of Applied Electrochemistry**
www.gdch.de/elektrochemie
- **Metrohm/Autolab prize for the best poster contributions on Electrochemistry 2012**
www.gdch.de/electrochemistry2012
- **Joachim Walther Schultze Prize for young electrochemists**
www.agef.org/foerderung/index.html

CONFERENCE VENUE/LOCATION

The conference will take place on the central campus of the TU München in the heart of the city of Munich. Lecture halls for plenary and parallel sessions are in close proximity to the exhibition area. During breaks, coffee will be served in the exhibition area. Munich has an international airport with world-wide connections. The train station provides regular connections to all major cities in Germany.

TIME SCHEDULE/DEADLINES

2 nd Circular (Registration Details)	February 2012
Deadline for submission of abstracts of contributed papers	March 15, 2012
Notification of acceptance of posters and oral contributions	April 30, 2012
Deadline for early registration; early registration is required for inclusion of oral contributions into the conference program	June 30, 2012
Conference	September 17-19, 2012

CONFERENCE FEES

Early registration rates are

Members of joining scientific organizations	€ 200,-
Non-members	€ 250,-
Reduced fee for junior scientists (Members)	€ 100,-
Reduced fee for junior scientists (Non-members)	€ 125,-
Conference dinner senior scientists	€ 35,-
Conference dinner junior scientists	€ 20,-

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 OFFICE/INFORMATION

Please consult the homepage at

www.gdch.de/electrochemistry2012

for more and updated information.

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

tg@gdch.de

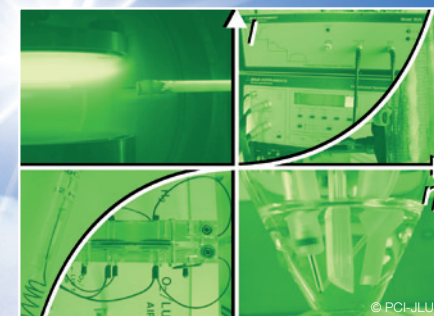
or to

electrochemistry2012@tum.de

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

ELECTROCHEMISTRY 2012

Fundamental and Engineering Needs for Sustainable Development



TECHNISCHE UNIVERSITÄT MÜNCHEN
SEPTEMBER 17TH – 19TH, 2012

**Conference jointly organized by**

Fachgruppe Angewandte Elektrochemie



Fachgruppe Analytische Chemie
Arbeitskreis Elektrochemische Analysemethoden (ELACH, GDCh)



Deutsche Bunsengesellschaft für Physikalische Chemie (DBG)



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



Arbeitsgemeinschaft elektrochemischer Forschungsinstitutionen e.V. (AGEF)



Gesellschaft für Korrosionsschutz e.V. (GfKORR)



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

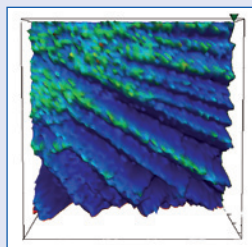
FIRST CIRCULAR & CALL FOR PAPERS

AIMS AND MOTIVATION – INVITATION

The first two successful conferences *Electrochemistry2008* in Gießen and *Electrochemistry2010* in Bochum, jointly organized by Fachgruppe Angewandte Electrochemie, Fachgruppe Analytische Chemie – Arbeitskreis Elektroanalytische Chemie, Bunsengesellschaft, DECHEMA, AGEF, GfKorr and DGO impressively demonstrated that the conference format is ideally suited to provide an inspiring forum for discussing common aspects in the various applications of electrochemistry. Therefore, the organizing groups decided to hold it regularly every two years.

The conference structure will follow that of the first two conferences. Four plenary speakers, outstanding electrochemists from Germany and from abroad, will highlight trends that span different 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.

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 growing attention.



While the meeting is primarily a national meeting, we also cordially invite electrochemists from outside Germany and indeed look forward to meet a sizable number of foreign scientists in Munich.

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 Munich 2012!

SCOPE OF THE CONFERENCE – TOPICS

In search of new technologies that allow for sustainable energy production and storage, electrochemistry plays a significant role. Electromobility and hydrogen generation, or more generally, fuel production by electrochemical means, is being widely discussed in the media. Also many other important processes rely on electrochemistry, such as the production of high-quality electronic components through galvanic processes, electrochemical biosensors and bioelectrochemical processes. The theme of the meeting emphasizes the central role of electrochemical sciences for the societal needs in the 21st century.

The challenges electrochemistry faces can only be met when fundamental and applied aspects are jointly discussed. The conference program will link fundamental and applied aspects and reflect the multi-disciplinary nature of today's electrochemistry. The different topics are addressed in plenary lectures, keynote lectures, contributed talks and posters.

The scientific topics include

- **New types of batteries and electrochemical storage devices**
- **Electrocatalysis and fuel cells**
- **Semiconductor electrochemistry and photoelectrochemistry**
- **Solid state electrochemistry, ionic liquids, and unconventional electrolytes and interfaces**
- **Biosensors and electroanalysis**
- **Advances in electrochemical synthesis and production**
- **Corrosion and new deposition and coating strategies**
- **Interfacial and fundamental electrochemistry**
- **Nanoelectrochemistry**

SCIENTIFIC PROGRAM

The program will be organized in several thematic symposia, each 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

Hubert Girault	(Lausanne/CH)
Jürgen Janek	(Gießen)
Wolfgang Lubitz	(Mühlheim)
Thomas Moffat	(Gaithersburg/USA)

SCIENTIFIC COMMITTEE

Constanze Donner	(Berlin)
Andreas Fischer	(Ludwigshafen)
Jürgen Fleig	(Wien/A)
Hubert Gasteiger	(München)
Angelika Heinzel	(Duisburg)
Ellen Ivers-Tiffée	(Karlsruhe)
Andreas Jossen	(München)
Katharina Krischer	(München)
Hans-Joachim Lewerenz	(Berlin)
Fred Lisdat	(Wildau)
Klaus-Michael Mangold	(Frankfurt)
Petr Novak	(Villingen/CH)
Wolfgang Schuhmann	(Bochum)
Gunther Wittstock	(Oldenburg)

LOCAL ORGANIZING COMMITTEE

Hubert Gasteiger	(München)
Katharina Krischer	(München)
Christiane Dörr	(Frankfurt)
Silvia Rolo	(Frankfurt)

COMPANY AND BOOK EXPOSITION

Companies are invited to submit requests for exhibition space to the local organizing committee.

SOCIAL PROGRAM

The poster session on the evening of September 17th will be an opportunity for continued informal discussion. Drinks and snacks will be served free of charge.

There will be a Bavarian-style conference dinner in the evening of September 18th.