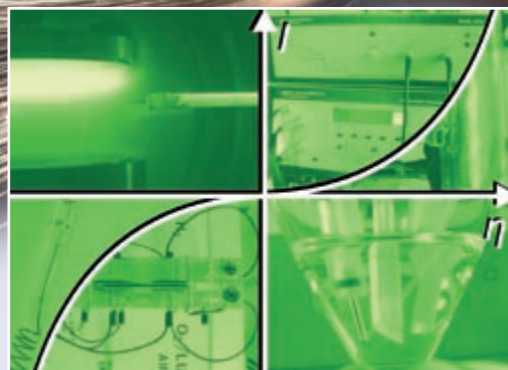


www.gdch.de

GDCh

GESELLSCHAFT DEUTSCHER CHEMIKER

ELECTROCHEMISTRY: Crossing boundaries



OCTOBER 6TH – 8TH 2008
JUSTUS-LIEBIG-UNIVERSITÄT GIESSEN

Conference jointly organized by



Fachgruppe Angewandte Elektrochemie
and ELACH (GDCh)



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)

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We are looking forward to welcoming you at o

SECOND CIRCULAR & PRELIMINARY PROGRAM
CALL FOR PAPERS

SCIENTIFIC COMMITTEE

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SPONSORS

We are grateful for the support by:



International Society of
Electrochemistry (ISE)



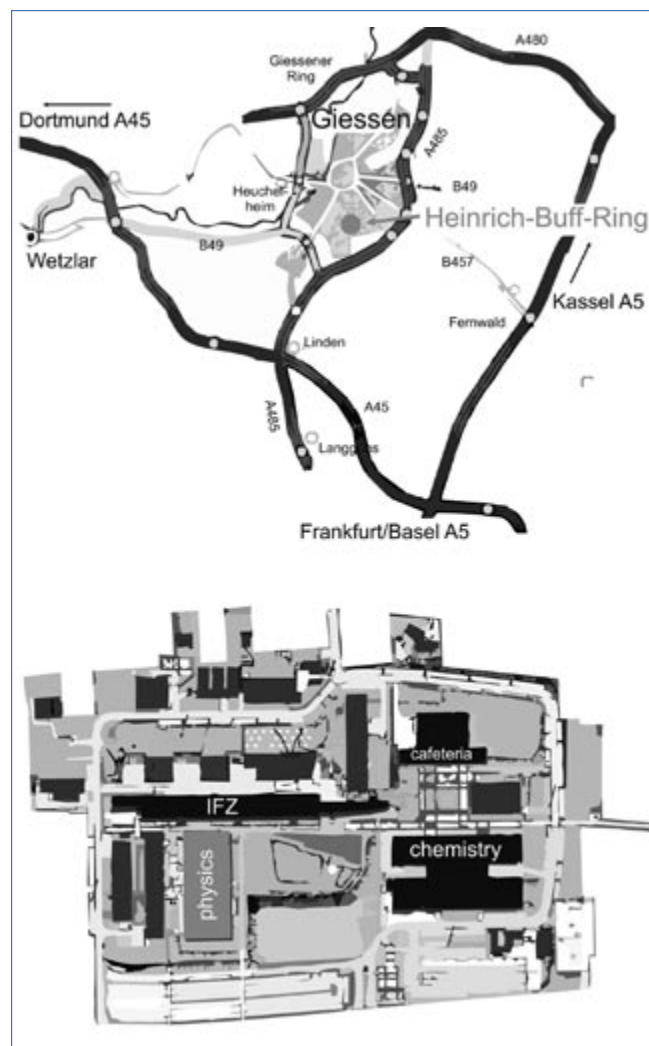
Deutsche METROHM GmbH & Co. KG



Eco Chemie B.V.

DEADLINES

May 16 th , 2008	Submission of oral contributions
July 15 th , 2008	Promotion prize
July 28 th , 2008	Submission of posters
July 28 th , 2008	Scholarships
August 25 th , 2008	Registration
August 24 th , 2008	Room reservation
September 8 th , 2008	Cancellation of participation



Dear colleagues,

the organizing committee of the national conference on electrochemistry in Germany "ELECTROCHEMISTRY: Crossing Boundaries" has the pleasure to invite you to visit Gießen, Germany on October 6th-8th 2008 and to contribute an oral or a poster presentation.

Gießen is located in the heart of Germany in the middle of the Federal State of Hesse and provides the advantages of an excellent location surrounded by an open countryside. The Justus-Liebig-University of Gießen founded in 1607 by Landgraf Ludwig V. von Hessen-Darmstadt as „Academia Gissena“ is one of the eldest universities in Germany and has celebrated its 400 anniversary in 2007. Among the most famous scientists who researched and taught in Gießen are Justus von Liebig, Wilhelm Conrad Röntgen, Johann Konrad Dippel (appointed to be the prototype of Mary Shelley's Frankenstein) and many others. Nowadays, the University of Gießen offers education in the full spectrum of natural sciences and humanities and has over 20 000 students.

The conference "ELECTROCHEMISTRY: Crossing Boundaries" continues former regular separate national meetings of Fachgruppe Angewandte Elektrochemie, ELACH, DBG, DECHEMA, AGEF, GfKORR and DGO within one conference, now held in English and addressed to an international community. It aims to bridge the gap between fundamental science, applied science and industrial processes. Invited plenary talks given by internationally recognised scientists from Germany and abroad and key note lectures will contribute to the high scientific level of the conference.

We look forward to welcoming you in Gießen!

Jürgen Janek
(Conference Chairman)

PRELIMINARY PROGRAM

Monday, October 6th, 2008

13:00	Opening
13:30 – 14:15	Plenary lecture
14:20 – 16:10	Parallel sessions (Key note lectures and short presentations)
16:10 – 16:30	Coffee break
16:30 – 17:15	Plenary lecture
17:15 – 20:00	Poster session (with snacks and drinks)

Tuesday, October 7th, 2008

08:30 – 09:15	Plenary lecture
09:20 – 10:30	Parallel sessions (Key note lectures and short presentations)
10:30 – 11:00	Coffee break
11:00 – 12:20	Parallel sessions (Key note lectures and short presentations)
12:20 – 13:30	Lunch
13:30 – 14:15	Plenary lecture
14:20 – 15:50	Parallel sessions (Key note lectures and short presentations)
15:50 – 16:30	Coffee break
16:30 – 18:00	Parallel sessions (Key note lectures and short presentations)
18:00 – 19:30	Break
19:30	Conference Party in the Mathematikum

Wednesday, October 8th, 2008

08:30 – 09:15	Plenary lecture
09:20 – 10:30	Parallel sessions (Key note lectures and short presentations)
10:30 – 11:00	Coffee break
11:00 – 12:20	Parallel sessions (Key note lectures and short presentations)
12:20	Lunch Departure

INVITED LECTURES

To contribute to the high scientific quality of the conference plenary and key note lectures given by internationally recognized scientists from Germany and abroad were invited by the scientific committee. The topics of these talks cover a broad spectrum of problems and new trends in the field of electrochemistry.

PLENARY LECTURES:

Templated Electrodeposition of Plasmonic Surfaces

Bartlett, P., Southampton/UK

The Importance of Electrode Material in Environmental Electrochemistry

Comninellis, C., Lausanne/CH

An Atomistic View of Simple Electrochemical Reactions

Kolb, D., Ulm/D

Solid State Electrochemistry – From Macro- to Nanosize

Maier, J., Stuttgart/D

KEY NOTE LECTURES:

In situ Spectroelectrochemistry of Fullerene Isomers

Dunsch, L., Dresden/D

Crystallographic Aspects in Li-ion Batteries: The Effect of Structural Changes and Microstructure on Fatigue of Cathode Materials

Ehrenberg, H., Dresden/D

Ionic Liquids in Electrochemistry – Prospects and Challenges

Endres, F., Clausthal/D

Direct Electron Transfer Between Sugar Oxidising Enzymes and Electrodes for Biosensors and Biofuel Cells

Gorton, L., Lund/S

Electrochemical Contributions to the Redox Chemistry of Dendrimers and the Formation of Conducting Polymers

Hammerich, O., København/DK

Electroanalysis for Electrocatalysis – What can we Learn?

Jusys, Z., Ulm/D

Energy-efficient Chlorine Production with Gas Diffusion Electrodes

Kintrup, J., Leverkusen/D

Title to be announced

Neurock, M., Charlottesville/USA

Energie – Technologie – Konsum: Kann die Forschung unsere Energieeffizienz erhöhen

Pütter, H., Neustadt/D

Structure-function Relationships in Fuel Cell Electrocatalysis

Savinova, E. R., Strasbourg/F

Theoretical and Experimental Considerations of the Anodic Electron Transfer in Microbial Fuel Cells

Schröder, U., Greifswald/D

Novel Materials by the Electrochemical Design of Tailored Interfaces und Surfaces

Stratmann, M., Düsseldorf/D

Electrode and Electrolyte Development for Safer Lithium Ion Batteries

Wohlfahrt-Mehrens, M., Ulm/D

The complete lecture program and the poster list is expected to be published in August 2008 on the conference homepage:

www.gdch.de/electrochemistry2008



Foto Rolf Wegst/JLU Pressestelle

Main building of the Justus-Liebig-University Gießen

ORAL AND POSTER CONTRIBUTIONS

Oral and poster contributions from all fields of electrochemistry are welcome. The poster session will be organized such that there is enough time for discussions in depth.

Parallel oral sessions are planned in addition to the plenary lectures:

- A. Fundamentals, Theory and Concepts**
(e.g. surfaces, interfaces, simulation, solid state, etc.)
- B. Electrochemistry in Nature and Technology**
(e. g. energy, bioelectrochemistry, membranes, photoelectrodes, solid state ionics, batteries)
- C. Electrochemistry in Industry**
(e.g. synthesis, processes, corrosion, electroplating)

Only online submissions at

www.gdch.de/electrochemistry2008

will be accepted. Please check the abstract guideline and the sample abstract on this website. No revisions or corrections will be made by the scientific committee.

After a successful transmission you will receive a reference code for each submitted abstract and a few days later a confirmation of receipt. In case you should not have received this confirmation after two weeks please contact GDCh by e-mail tgonline@gdch.de and indicate the reference code of your paper.

DEADLINES

Submission of oral contributions: May 16th, 2008
Submission of posters: July 28th, 2008

COMPANY AND BOOK EXPOSITION

The conference is accompanied by an exhibition. The meeting venue provides excellent room for the exhibition of e.g. electrochemical equipment, new devices, books etc.). The organizers are prepared to make special arrangements.

Companies interested in the exhibition, please contact electrochemistry2008@uni-giessen.de

TRAVEL GRANTS

A limited number of grants for students, graduate students, candidates for a doctor's, diploma's, bachelor's or master's degree presenting a poster or a lecture will be available.

Please send your application to GDCh until **July 28th, 2008**.

The form can be found at www.gdch.de/stipendien

PRIZES



Prize for the Promotion of Young Chemists in the Field of Applied Electrochemistry

The Division of Applied Electrochemistry of the Gesellschaft Deutscher Chemiker (GDCh) awards the Prize for the Promotion of Young Chemists in the Field of Applied Electrochemistry to a chemist who has made an important contribution (doctoral thesis or scientific publication) in the field of electrochemistry. The prize consists of a diploma, € 1,000, a lecture by the award recipient and travel expenses incidental to receiving the prize.

The price will be awarded during the conference.

Applications and nominations (candidates should be less than 30 years of age) should consist of a curriculum vitae, a letter of support and three copies of the scientific contribution and must be submitted by **July 15, 2008** to

Gesellschaft Deutscher Chemiker e.V.
Ulrike Bechler
Varrentrapstr. 40-42
D-60486 Frankfurt am Main
E-Mail: u.bechler@gdch.de

Metrohm/Autolab Poster Prize

The Deutsche METROHM GmbH & Co. KG sponsors awards (€ 3,000 in total) for the three best posters. Members from the program committee will select the awardees from all poster contributions during the poster session. The prizes will be awarded during the conference.

Monday, October 6th, 2008

17:15 – 20:00

Poster party with snacks and drinks

Snacks and drinks are included in the registration fee.

Tuesday, October 7th, 2008

19:30

Conference Party (with dinner)

Mathematikum e.V.
Liebigstraße 8
D-35390 Gießen

and **Evening Lecture** by Prof. Dr. Alfred Beutelspacher (director of the Mathematikum)

The Mathematikum museum is the world's first mathematical science center and has been most successful since its opening in 2002. The Mathematikum will be open during the party to all participants. The Liebig-Museum next door (Liebig's original laboratory for almost 30 years) will offer a "late night program".

Regular price: € 35,- per person

Students: € 20,- per person

Drinks at your own expenses

Booking required

Wednesday, October 8th, 2008

After the conference (approximately 13:00 hrs.) an **Excursion to the Liebig Museum** is offered.

Prof. Laqua, director of the Liebig-Museum, will present a chemistry lecture including historical experiments by Justus Liebig (in German). A lecture in English will be offered upon interest.

Price per person: € 6

Booking required

A minimum of 10 participants is required.
The number of participants is limited to 40.

▶ LOCATION

Justus-Liebig-Universität Gießen
Campus Naturwissenschaften
Hörsaalgebäude Physik
Heinrich-Buff-Ring 16
D-35390 Gießen

▶ TRAVEL INFORMATION

Arrival by ...

... plane

Frankfurt (Main) airport is located 70 km south of Gießen. Ground transportation to Gießen by train (ca. 1 hr) is available via Frankfurt main station (change there).

... train

Gießen station (Hbf) has frequent regular train connections to/from Kassel (Wilhelmshöhe) and Frankfurt (Hbf). Regional trains connect to Köln (Hbf) and Koblenz (Hbf). The conference site is located within walking distance (20 – 25 min) to the station.

... car

the two closest motorway exits (**A485**) to the conference site (Campus Naturwissenschaften) are:

- Schiffenberger Tal: direction Universität/Naturwissenschaften
- Dreieck Bergwerkswald: follow B49, exit at Universitätsklinikum

From North/East: A5 (Kassel -> Frankfurt), exit Reiskirchen to A480 (direction Giessen), then **A485** (direction Gießen/Frankfurt)

From South: A5 (Frankfurt -> Kassel) or A45 (Aschaffenburg/Hanau -> Dortmund) to **A485** (Gießener Südkreuz)

From West: A45 (Dortmund -> Hanau), at Gießener Südkreuz exit to **A485**, direction Gießen A3 (Köln – Frankfurt), exit Limburg-Nord, follow B 49 (ca. 50 km) to Giessen

A detailed roadmap can be found at:

www.uni-giessen.de/uni/stadtplan

Public Transport within Gießen:

Bus N10 (destination: Gießen Rathenaustraße) departs at Gießen railway station: Stop at Gießen **Naturwissenschaften** (busride approx. 10 minutes). Busses depart every 30 minutes.

▶ REGISTRATION

Please register online via internet not later than **August 25th, 2008**

www.gdch.de/electrochemistry2008

All tickets and conference papers (incl. book of abstracts) will be given to participants upon check-in at the registration desk.

Participants are requested to wear their conference badges at all times for identification and admittance to the conference rooms.

Upon online-registration payment by credit card or direct debit (only with German bank account) is preferred. If you want to pay by bank transfer (free of bank commission) please do not forget to print out the invoice at the end of your online-registration.

Please pay the fees to the following account (free of bank commission):

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.
Dresdner Bank AG Frankfurt am Main
Routing Number (BLZ) 500 800 00
Account No. (Kto.Nr.) 4 900 200 00
Code: 5324 / Electrochemistry 2008

Attention

Participants from EU countries except Germany please use IBAN (International Bank Account Number) and SWIFT-BIC (Bank Identifier Code) instead of Bank account and Bank name:

Gesellschaft Deutscher Chemiker e. V.
Dresdner Bank AG Frankfurt am Main
IBAN DE85 5008 0000 0490 0200 00
SWIFT-BIC DRES DE FF
Code: 5324 / Electrochemistry 2008

REGISTRATION FEES

	Until August 25 th , 2008	From August 26 th , 2008
Member of one of the joining societies and member of EuCheMS-member societies	€ 190,-	€ 240,-
Member, unemployed and retired	€ 95,-	€ 120,-
Non-member	€ 240,-	€ 290,-
Student* – Member of one of the joining societies and member of EuCheMS-member societies	€ 40,-	€ 60,-
Student* – Non-member	€ 60,-	€ 90,-
GDCh-Gold member (as of 50 years of age GDCh membership)	free of charge	free of charge

* valid student card required

If fees are paid in advance, but after **September 16th, 2008**, we kindly ask participants to show proof of payment when claiming their tickets and conference papers at the conference office. Onsite payment is preferred by electronic cash or credit card (Mastercard, VISA).

Written cancellations received on or before **September 8th, 2008** will be refunded less a € 25,- administration fee. After that date the full amount of the invoice has to be paid. Requests for refund will not be accepted; however, registration may be transferred to another member of your organisation. In this case please send a note to GDCh, Congress Team.

If the conference is cancelled for whatever reason, fees paid will be refunded. Further recourse is excluded.

COFFEE BREAKS

The participant fee includes coffee breaks.

LUNCH

Lunch can be taken in the nearby local Mensa.

Price per meal: € 7,50 (one soft drink included)

Booking required

ROOM RESERVATION

A limited number of rooms is booked for the participants in various hotels throughout the city.

Hotel Steinsgarten, Hein-Heckroth-Str. 20, D-35390 Gießen
Phone: +49 641 3899-0, Fax: +49 641 3899-200
E-mail: info@hotel-steinsgarten.de
Internet: www.steinsgarten.bestwestern.de
Single room: € 90,-, Double room: € 120,-

Hotel Tandreas, Licher Str. 55, D-35394 Gießen
Phone: +49 641 94 07-0, Fax: +49 641 94 07-499
E-mail: tandreas-giessen@t-online.de
Internet: www.tandreas.de
Single room: € 90,-, Double room: € 105,-

Hotel Kübel, Bahnhofstr. 47, D-35390 Gießen
Phone: +49 641 7 70 70-0, Fax: +49 641 7 70 70-70
E-mail: info@hotel-kuebel.de, Internet: www.hotel-kuebel.de
Single room: € 77,-, Double room: € 109,-
Double room for single use: € 85,-

Hotel am Ludwigsplatz, Ludwigsplatz 8, D-35390 Gießen
Phone: +49 641 93 11 30, Fax: +49 641 39 04 99
E-mail: webmaster@hotel-am-ludwigsplatz.de
Internet: www.hotel-am-ludwigsplatz.de
Single room: € 70,-, Double room: € 95,-

All room rates include breakfast and VAT.

Arrangements should be made not later than **24.08.2008** under the keyword **"Electrochemistry 2008"**.

Please order your accommodation directly at the hotels by phone, fax or e-mail.

Additionally, the Tourist Information Gießen will gladly assist in booking accommodation in all categories. Please contact

Tourist Information Gießen, Room Reservation,
Berliner Platz 2, D-35390 Gießen
Phone: +49 641 97511-60, Fax: +49 641 97511-61
E-mail: tourist-info@giessen.de
Internet: www.giessen-tourismus.de

We recommend an early booking!

The customers will be held accountable for non-occupancy of reserved rooms.

► INFORMATION CONCERNING THE SCIENTIFIC PROGRAM AND LOCAL ORGANIZATION

Prof. Dr. Jürgen Janek (Secretary: Lisa Hederich)

Justus-Liebig-Universität Gießen

Physikalisch-Chemisches Institut

Heinrich-Buff-Ring 58

D-35392 Gießen

Phone: +49 641 99 345-01

Fax: +49 641 99 345-09

E-mail: electrochemistry2008@uni-giessen.de

► INFORMATION BEFORE AND AFTER THE MEETING

Gesellschaft Deutscher Chemiker e. V.

(German Chemical Society)

Congress Team / Electrochemistry 2008

P.O. Box 90 04 40

D-60444 Frankfurt am Main

Varrentrappstr. 40-42

D-60486 Frankfurt am Main

Phone: +49 69 7917-358 (Simone Schmidt)

Fax: +49 69 7917-475

E-mail: tg@gdch.de

Internet: www.gdch.de/electrochemistry2008

Executive Director: Professor Dr. Wolfram Koch,

Registernummer beim Vereinsregister: VR 4453, Registergericht Frankfurt am Main

► INFORMATION DURING THE MEETING

The conference office will be located in the foyer of the physics lecture building in front of the main lecture hall (Wilhelm-Hanle-Hörsaal).

Opening hours:

Monday, October 6th, 2008

12.00 – 16.30 hrs

Tuesday, October 7th, 2008

08.15 – 16.30 hrs

Wednesday, October 8th, 2008

08.15 – 12.00 hrs

Phone: +49 641 99 14874

Fax: +49 641 99 14879