

Conference

Start: Wednesday, October 15 at 2 pm

End: Friday, October 17 at 1 pm

Deadline for **abstract submission:** August 15, 2014

Online **registration** and abstract submission via

<http://www.gerischer-kolb.de>

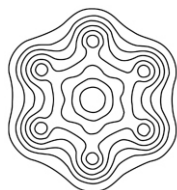
Conference fee including access to all scientific sessions, book of abstracts, lunch, dinner and coffee breaks:

Early registration (until 1 September 2014)

Regular participants: 300 €, students: 100 €

Late registration (after 1 September 2014)

Regular participants: 350 €, students: 150 €



FCI
FONDS DER
CHEMISCHEN
INDUSTRIE



Elementary reaction steps in electrocatalysis:
Theory meets Experiment
DFG Research Unit FOR1376



MAX-PLANCK-GESELLSCHAFT



Location

The conference will be held at the newly renovated Harnack-Haus (address: see below), the conference site of the Max-Planck-Gesellschaft (MPG).



Accommodation

There is a limited number of rooms reserved at the Harnack-Haus and the Seminaris Hotel Dahlem, which is in walking distance to the conference site. Attendees are asked to book the hotel on their own account.

<http://www.harnackhaus-berlin.mpg.de>

Harnack-Haus, Ihnestr. 16 - 20, 14195 Berlin, Germany

<http://www.seminaris.de/hotels/seminaris-campushotel-berlin.html>

Hotel Seminaris, Takustr. 39, 14195 Berlin, Germany

When booking, please mention "Gerischer-Kolb Symposium" to obtain special rates.

1. Gerischer-Kolb

Symposium

ELECTROCHEMICAL SURFACE SCIENCE

FUNDAMENTALS – STRUCTURES –
REACTIONS – MODELLING



Berlin, October 15 - 17, 2014

International Bunsen
Discussion Meeting

Deutsche Bunsengesellschaft
für Physikalische Chemie

Invitation

It is our great pleasure to bring to your attention

**the 1st Gerischer-Kolb Symposium,
an International Bunsen Discussion Meeting
to take place in Berlin, Germany
on October 15th – 17th 2014**

Since 1999, the Gerischer Symposium has been organized every 3rd year on a special topic of contemporary electrochemistry.

The 1st Gerischer-Kolb Symposium is a continuation of this series on the fundamental questions of electrochemistry. It is organized as an International Bunsen Discussion Meeting and will be devoted to Electrochemical Surface Science, as this topic has been addressed by Dieter M. Kolb, whose scientific mentor was Heinz Gerischer.

The Gerischer-Kolb Symposia are dedicated to the memory of these eminent scientists and their outstanding accomplishments.

We will be delighted to welcome all of you!

Symposium Organizers

Timo Jacob, Institute of Electrochemistry,
University of Ulm, Germany

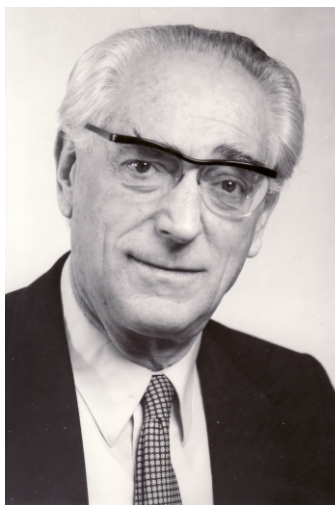
Ludwig A. Kibler, Institute of Electrochemistry,
University of Ulm, Germany

H. Joachim Lewerenz, California Institute of
Technology, Pasadena, California, USA

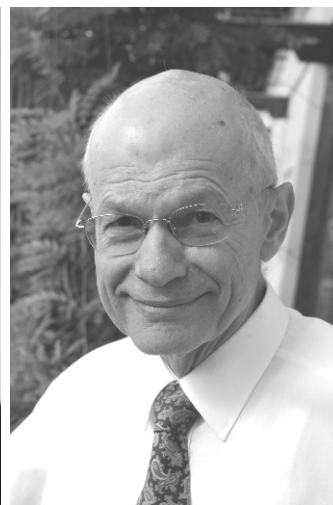
Contact: nawi.ec@uni-ulm.de

Confirmed Speakers

H.D. Abruña, Cornell University, USA
R. Adzic, Brookhaven National Laboratory, USA
R.C. Alkire, University of Illinois, USA
P. Allongue, CNRS, France
P. Bartlett, University of Southampton, UK
H.-G. Boyen, Hasselt University, Belgium
J.M. Feliu, Universidad de Alicante, Spain
K. Domen, University of Tokyo, Japan
W. Jaegermann, TU Darmstadt, Germany
N.M. Marković, Argonne National Laboratory, USA
M. Neurock, University of Virginia, USA
M. Osawa, Catalysis Research Center, Japan
A. Russell, University of Southampton, UK
D. Schiffrin, University of Liverpool, UK
R. Schuster, KIT, Germany
K. Uosaki, NIMS, Japan
K.-M. Weitzel, Universität Marburg, Germany



**Heinz Gerischer
(1919 – 1994)**



**Dieter M. Kolb
(1942 – 2011)**

Conference Topics

FUNDAMENTALS

EXPLORING SOLID-LIQUID INTERFACES

- Preparation and structure of well-defined electrode surfaces (metals, semiconductors, single crystals, shaped nanoparticles and clusters)
- Electrified interfaces including aqueous electrolytes and ionic liquids
- In-situ/ex-situ studies on structure, topography, chemistry and energetics
- Theory and modelling of solid-liquid interfaces
- Charge transfer dynamics (experiments and theory)

ELECTROCATALYSIS

STRUCTURE-ACTIVITY RELATIONS

- Mechanisms of simple reactions (hydrogen, oxygen, small organic molecules)
- *In-situ/ex-situ* surface analysis and spectroscopy
- Tailoring properties by electrodeposition onto metals and semiconductors
- Advanced structures (SAM-Catalyst, Metal-Semiconductor-Electrolyte)

LIGHT-INDUCED PROCESSES

PHOTOELECTROCHEMISTRY

- Earth abundant absorbers and catalysts
- Combinatorial approaches for materials development
- Integrated systems for water splitting
- Solar fuel generators-modelling