

Symposium Secretariat

For further information please contact:

Ertl Center for Electrochemistry and Catalysis, GIST
261 Cheomdan-gwagiro, Buk-gu, Gwangju, 500-712 South Korea

All information about abstracts and papers please contact: Dr. Jongmin Lee, Ms. Youngmi Yi

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<http://env1.gist.ac.kr/ertl/new/ERTLCenter/>

Conference fees (on-site registration only)

▶ Regular participants: €300 ▶ Students: €150 ▶ Accompany person: €90

The symposium registration fee includes a copy of the Book of abstracts, the Welcome reception on Sunday evening, Lunch on Monday, Tuesday and Wednesday, Conference dinner on Tuesday.

Support



Sponsors



1st Ertl Symposium on Electrochemistry and Catalysis: From Basic Research to Industrial Application

Gerhard Ertl

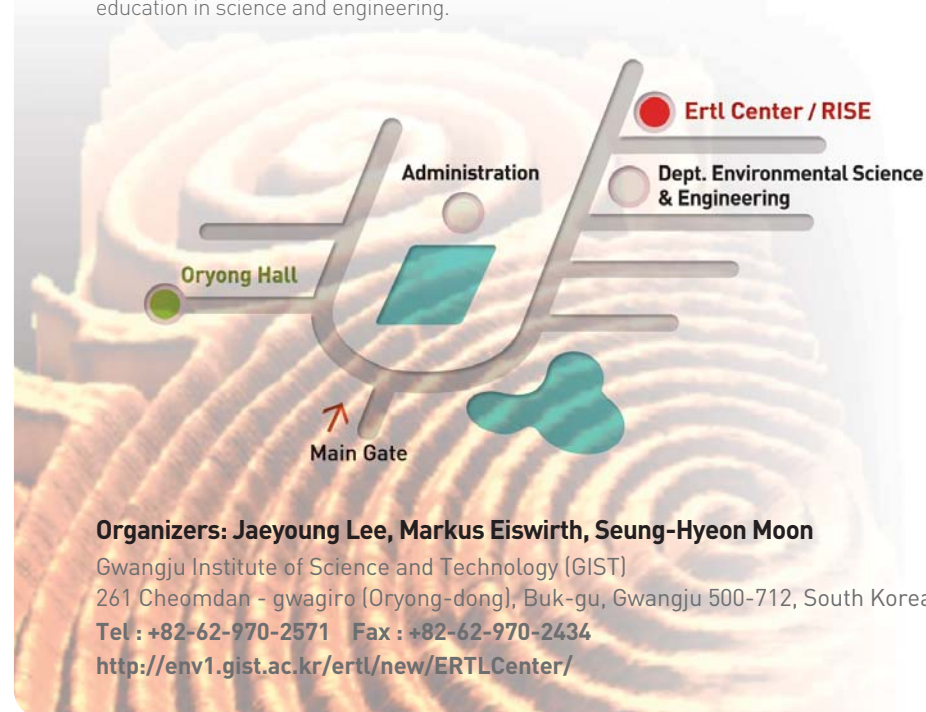
Born in 1936 in Bad Cannstadt, Germany. PhD in Physical Chemistry in 1965 from Technische Universität München, Germany. Prof. Emeritus, Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, Germany.

Ertl has laid the foundation of a scientific discipline through his enormously systematic and thorough studies. He has often returned to the same problem in surface chemistry decade after decade in order to use new experimental methods to obtain answers to questions posed earlier. His ability to describe in detail how an experiment is to be designed and interpreted has helped him to provide the methodological platform for an entirely new area of research.



GIST Gwangju Institute of Science and Technology

GIST is research-oriented graduate school that focuses on the essential fields of applied science and engineering. The institute was founded in 1993 by the Korean government to meet the nation's need for advanced research and to enhance the development of higher education in science and engineering.

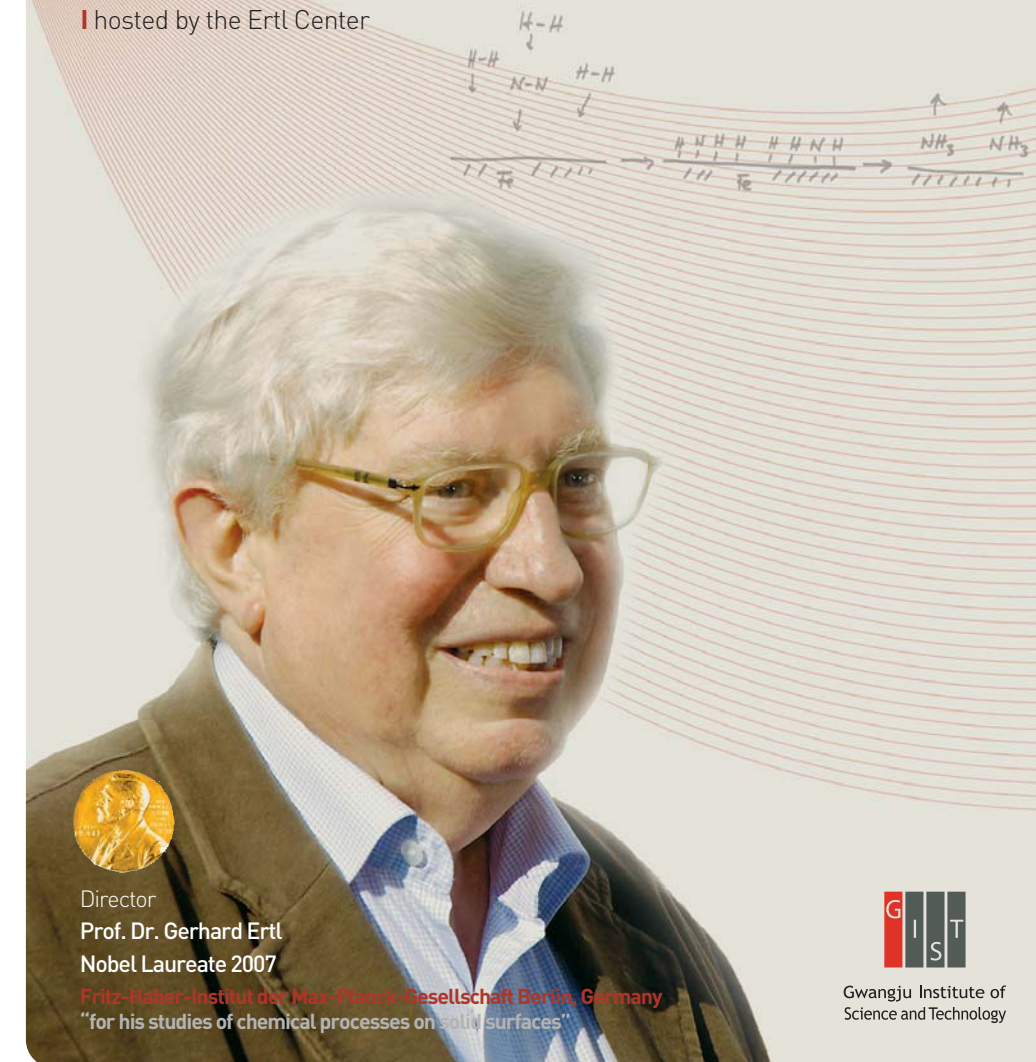


International

1st Ertl Symposium on Electrochemistry and Catalysis

11-14 April 2010 GIST in Gwangju, South Korea

hosted by the Ertl Center



Introduction

At the beginning of the 21st century our world is facing serious problems with regards to environment, climate, energy conversion, raw materials and food. All these global problems are seeking scientific solutions, especially from chemistry, and in this connection electrochemistry and catalysis are of tremendous importance, in particular for energy conversion and pollution control. It is expected that the Ertl symposium on Electrochemistry and Catalysis will play a significant role in these attempts, and we wish great success to all the people involved in this enterprise.

Honorary Chair

Prof. Dr. Gerhard Ertl (Nobel Laureate 2007)

Fritz-Haber-Institut der Max-Planck-Gesellschaft, D-14195 Berlin, Germany

Ertl Center for Electrochemistry and Catalysis/RISE, GIST, Gwangju 500-712, South Korea

Symposium Chairmen

Prof. Dr. Jaeyoung Lee and **Prof. Seung-Hyeon Moon**

Ertl Center for Electrochemistry and Catalysis/RISE, DESE, GIST, Gwangju 500-712, South Korea

Dr. Markus Eiswirth

Fritz-Haber-Institut der Max-Planck-Gesellschaft, D-14195 Berlin, Germany

Ertl Center for Electrochemistry and Catalysis/RISE, GIST, Gwangju 500-712, South Korea

Key Topics

Electrochemistry for Sustainable Energy & Clean Environments

Electroanalysis

Surface Catalysis

Nanostructured Materials

Nonlinear Dynamics in Electrochemistry

Abstract submission by 31 January 2010

150-300 words with illustration and pictures in WORD file

E-mail submission: ertl@gist.ac.kr

There is only small number of additional oral presentations. Most contributions will have to be in the form of posters.

Scientific committee and Advisory board

In Seop Chang (GIST, S. Korea)

Andreas Friedrich (DLR, Germany)

Hubert Girault (EPFL, Switzerland)

Takashi Kakiuchi (Kyoto Univ., Japan)

Young Dok Kim (SKKU, S. Korea)

Hye Jin Lee (KNU, S. Korea)

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Gon Seo (Chonnam National Univ., S. Korea)

Yongsug Tak (Inha Univ., S. Korea)

Sung Taik Chung (Inha Univ., S. Korea)

Liane Garnatz (LG Solutions, Germany)

Gregory Jerkiewicz (Queen's Univ., Canada)

Hasuck Kim (SNU, S. Korea)

Marc T. M. Koper (Leiden Univ., Netherlands)

Wanjin Lee (Chonnam National Univ., S. Korea)

Elena Savinova (Univ. Strasbourg, France)

Yung-Eun Sung (SNU, S. Korea)

Jinsub Choi (Inha Univ., S. Korea)

Invited Speakers (tentative list)

Markus Eiswirth (FHI der MPG, Germany)

Hubert Girault (EPFL, Switzerland)

~~Takashi Kakiuchi (Kyoto Univ., Japan)~~

Malte Behrens (FHI der MPG, Germany)

Salvatore Daniele (Univ. Venice, Italy)

Gerd Ganteför (Univ. Konstanz, Germany)

Henrik Jensen (Univ. Copenhagen, Denmark)

In S. Kim (GIST, S. Korea)

Marc T. M. Koper (Leiden Univ., Netherlands)

Olaf Magnussen (Univ. Kiel, Germany)

Masatoshi Osawa (Univ. Hokkaido, Japan)

Suk Woo Nam (KIST, S. Korea)

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Hamilton Varela (Univ. Sao Paulo, Brazil)

Jong-Sung Yu (Korea Univ., S. Korea)

Andreas Friedrich (DLR, Germany)

~~John L. Hudson (Univ. Virginia, USA)~~

Hasuck Kim (SNU, S. Korea)

Jason Cheng (UC Riverside, USA)

Zhifeng Ding (UW Ontario, Canada)

Takayuki Homma (Waseda Univ., Japan)

Ludwig Kibler (Univ. Ulm, Germany)

Young Dok Kim (SKKU, S. Korea)

Hye Jin Lee (KNU, S. Korea)

Pascal Maire (PSI, Switzerland)

Bongjin Simon Mun (Hanyang Univ., S. Korea)

Kornelius Nielsch (Univ. Hamburg, Germany)

Punit Parmananda (IIT Bombay, India)

Elena Savinova (Univ. Strasbourg, France)

Jens Starke (TU Denmark, Denmark)

Peter Strasser (TU Berlin, Germany)

Seong Ihl Woo (KAIST, S. Korea)

PCCP

High quality research in physical chemistry, chemical physics and biophysical chemistry.

Theme Issue

Call for papers: Electrified Surface Chemistry

19 November 2009

PCCP is delighted to announce a themed issue on Electrified Surface Chemistry, Guest Edited by **Prof Jaeyoung Lee (Ertl Center for Electrochemistry and Catalysis, GIST), Dr Markus Eiswirth (Fritz-Haber-Institut der MPG, Ertl Center)**. It is our pleasure to invite you to submit to this themed issue.

We feel a landmark issue providing a "snapshot" of recent developments in Electrified Surface Chemistry would be both timely and important. The issue will cover a wide spectrum of topics from basic research to industrial applications in Surface Science and Electrochemistry; Energy Conversion/Storage and Pollution Control, Electroanalysis, Heterogeneous Catalysis, Nanostructured Materials as well as Nonlinear Dynamics in Surface Reactions.

The issue will follow the 1st Ertl Symposium on Electrochemistry and Catalysis: From Basic Research to Industrial Application which will be held on 11 - 14 April, 2010 in Gwangju, South Korea (see link below for more information).

Deadline for Submission: 30 April 2010

Submissions, either communications or full papers, should be high-quality manuscripts of original, unpublished research, containing important new physical insight.

All submissions will be subject to rigorous peer review to meet the usual high standards of PCCP.

Manuscripts can be submitted using the ReSource web submissions service or as an email attachment to the PCCP Editorial Office. Please indicate on submission that your manuscript is intended for this themed issue.

PCCP Editorial Office

Concerned with all stages from receipt to publication

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