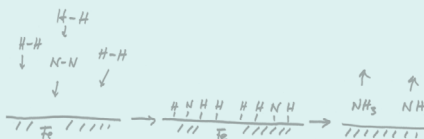


International



8th Ertl Symposium on

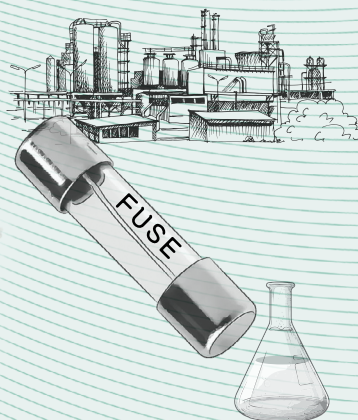
FUndamental to Scale-up Electrochemistry

26-29 June 2024 in Esslingen, Germany

Co-organized by



Universität Stuttgart



Prof. Dr. Gerhard Ertl
Nobel Laureate 2007

Fritz-Haber-Institut der Max-Planck-Gesellschaft Berlin, Germany
"for his studies of chemical processes on solid surfaces"



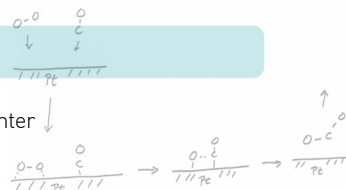
Introduction

At the beginning of the 21st century our world is facing serious problems with regards to environment, climate, energy conversion, raw materials, water and food. All these global problems are seeking scientific solutions, especially from physical chemistry and electrochemistry, and in this connection analysis and dynamics are of tremendous importance. It is expected that the 8th Ertl symposium will provide a good opportunity in these attempts, and we wish great success to all the people involved in this enterprise.

Honorary Chair

Gerhard Ertl

FHI der MPG & GIST Ertl Center



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Symposium Secretariat

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Dankook University



Award Lectures (2024 Ertl Prize Winner)

Malte Behrens
Boon Siang Yeo

Kiel University
National University of Singapore

Contributed Speakers

Jinsub Choi
Zhifeng Ding
Robert Francke
Aldo Saul Gago Rodriguez
Timo Jacob
HyungKuk Ju
Sang Hoon Kim
Marc T. M. Koper
Katharina Krischer
Anthony Kucernak
Youngkook Kwon
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Technische Universität Berlin
University of Duisburg-Essen
University of São Paulo
Tohoku University

Abstract Submission by 15 April 2024

150-300 words with only ONE image (figure or photo or table) in WORD file

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

Key Topics

Material Synthesis: Catalyst, Membrane, Gas Diffusion Layer

Ink & Slurry Chemistry

Electrode Coating Technology

in-situ Surface and Interface Analysis

Full Cell Configuration & on-site Monitoring

AI Machine Learning

Themed Issue

Submissions will be open for the Themed Issue (Journal Name tbc) and contributions can be uploaded via the RSC website. The deadline for submission of manuscripts is 31 October 2024.

Guest Editor: Jaeyoung Lee (GIST)

Conference Fee & On-line Registration

► Regular participants: 400 EUR

Student participants: 200 EUR

The registration fee includes the Book of Abstracts (pdf file), Small Winery Tour, Lunch, Coffee Break, Poster Session F&B, Banquet and **Surprise Gift**.

1) Pre-registration Payment: Bank Transfer until 30 April 2024

Account owner: Universität Stuttgart

Bank: Baden-Württembergische Bank Stuttgart – BW-Bank

IBAN: DE51 6005 0101 7871 5216 87

SWIFT/BIC: SOLADEST600

Information to be provided/subject: Ertl-Symposium 2024 + name of participant

Fonds: 86032072

2) On-site Payment: in only CASH at the registration desk upon arrival.

Conference Venue

Esslingen University of Applied Sciences provides academic training and education in the fields of technology, economics and the social sciences. At Esslingen University, around 6,300 students are enrolled on 31 Bachelor's and 14 Master's degree programmes.

Excellent teaching, combined with high practical relevance, has a high priority at Esslingen. It is no wonder, then, that Esslingen is consistently to be found among the best universities of applied sciences in Germany in numerous national ranking tables.

Program

Opening Address: 5 min | Award Lecture: 45 min | Contributed Speech: 30 min | Closing Remarks: 5 min

Time	26 June (Wed)	Time	27 June (Thu)	Time	28 June (Fri)
09:00-09:50	<i>Opening Address(AF) & Ertl Prize Award Lecture</i>	09:00-09:50	<i>Ertl Prize Award Lecture</i>	09:00-09:30	Contributed Speech
				09:30-10:00	Contributed Speech
09:50-10:20	Contributed Speech	09:50-10:20	Contributed Speech	10:00-10:30	Contributed Speech
10:20-10:50	Contributed Speech	10:20-10:50	Contributed Speech	10:30-10:50	Poster Prize Ceremony
10:50-11:10	Coffee Break	10:50-11:10	Coffee Break	10:50-11:10	Coffee Break
11:10-11:40	Contributed Speech	11:10-11:40	Contributed Speech	11:10-11:40	Contributed Speech
11:40-12:10	Contributed Speech	11:40-12:10	Contributed Speech	11:40-12:10	Contributed Speech
12:10-12:40	Contributed Speech	12:10-12:40	Contributed Speech	12:10-12:40	Contributed Speech
12:40-14:10	Lunch	12:40-14:10	Lunch	12:40-14:10	<i>Closing Remarks(JL) & Lunch</i>
14:10-14:40	Contributed Speech	14:10-14:40	Contributed Speech	14:10-20:30	Excursion (City Tour+)
14:40-15:10	Contributed Speech	14:40-15:10	Contributed Speech		
15:10-15:40	Contributed Speech	15:10-15:40	Contributed Speech		
15:40-16:10	Contributed Speech	15:40-16:10	Contributed Speech		
16:10-18:30	Group Photo & Small Winery Tour	16:10-16:30	Coffee Break		
		16:30-17:00	Contributed Speech		
		17:00-17:30	Contributed Speech		
		17:30-18:00	Contributed Speech		
		18:00-18:30	Contributed Speech		
18:30-20:30	Banquet Ertl Prize Ceremony	18:30-20:30	Poster Session w/ F&B		

Supports and Sponsors



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Funded by
DFG Deutsche
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Gwangju Tourism Organization



네오사이언스
neoscience

HORIBA

Accommodation

Special Rates for the participants of the 8th Ertl Symposium (Promo code: **8ES-FUSE**)

The Hotel

Hotel am Schelztor	Schelztorstraße 5 73728 Esslingen	ca. 100 €
The niu Timber	Otto-Bayer-Straße 8-10, 73730 Esslingen	ca. 80 €
Hotel am Schillerpark	Neckarstraße 60, 73728 Esslingen	ca. 120 €
ECOINN	Kanalstraße 14-16, 73728 Esslingen	ca. 80 €
Hotel am Charlottenplatz	Plochingen Str.1, 73730 Esslingen	ca. 110 €

Standard room rate: per night & person incl. tax, service charge & breakfast.

Reservations should be made individually. Other hotels (★★ to ★★★★★) near the venue are also available.

About Esslingen <https://www.britannica.com/place/Esslingen>

Esslingen, in full Esslingen am Neckar, city, Baden-Württemberg Land (state), southwestern Germany. It lies along the Neckar River, just southeast of Stuttgart. Mentioned in 777 as Cella and in 866 as Hetsilinga, it was chartered about 1219. It was a free imperial city from 1360 to 1802, when it passed to Württemberg, the rulers of which had often threatened it. The centre of a fertile wine-producing and fruit-growing district, the town also has machine and electrical-engineering works tied to the automobile and high-technology sectors of the greater Stuttgart region. Precision instruments and optics are also produced.

