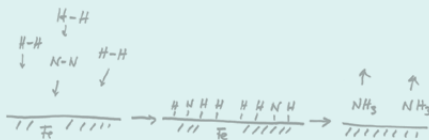


International



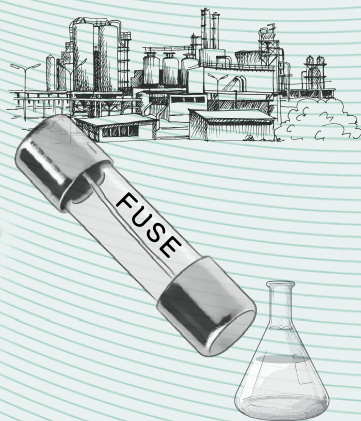
8th Ertl Symposium on FUndamental to Scale-up Electrochemistry

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"



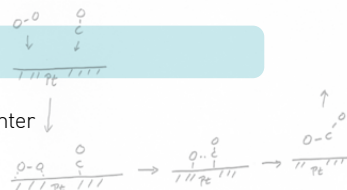
Introduction

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



Organizing Committee

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 Andreas Friedrich
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 Kiyoung Lee
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Symposium Secretariat

HyoungKuk Ju
 Email ertl@gist.ac.kr
 Fax +82 62 715 2434 (Korea)

Dankook University



Key Topics

Material Synthesis: Catalyst, Membrane, Gas Diffusion Layer
Electrode Coating Technology
Full Cell Configuration & on-site Monitoring

Ink & Slurry Chemistry
in-situ Surface and Interface Analysis
AI Machine Learning

Award Lectures (2024 Ertl Prize Winner)

Malte Behrens Kiel University
Boon Siang Yeo National University of Singapore

Contributed Speakers

Jinsub Choi
Zhifeng Ding
André Dourado
Robert Francke
Timo Jacob
HyungKuk Ju
Hanno Käß
Sang Hoon Kim
Elias Klemm
Marc T. M. Koper
Dennis Kopljär
Katharina Krischer
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Kiyoung Lee
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Ioannis Spanos
Peter Strasser
Werner Strunz
Yujin Tong
Suriya Venkatesan
Shen Ye

Inha University
The University of Western Ontario
São Paulo State University
Leibniz Institute for Catalysis
Ulm University
Dankook University
University of Esslingen
Korea Institute of Science and Technology
University of Stuttgart
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German Aerospace Center (DLR)
German Aerospace Center (DLR)
University of the Philippines Diliman
Technische Universität Braunschweig
Sangmyung University
Colorado School of Mines
University of Strasbourg
University of Alberta
Max Plank Institute for Chemical Energy Conversion
Technical University of Berlin
Zahner
Universität Duisburg-Essen
German Aerospace Center (DLR)
Tohoku University

Abstract Submission by 15 May 2024

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

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

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

► Contributed Speakers: 250 EUR

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 31 May 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.

3) Participants from Republic of Korea: Local payment on the web of KECS

Conference Venue

Esslingen University of Applied Sciences provides academic training and education in the fields of technology, economics and the social sciences.

Excellent teaching, combined with high practical relevance, has a high priority at Esslingen. The University of Applied Sciences is also strong on applied research and, thanks to its doctoral programs, is able to offer graduates an extended scientific career.

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.

At Esslingen University, around 6,300 students are enrolled on 31 Bachelor's and 14 Master's degree programmes.

Contact:

Christiane Rathmann, Esslingen University of Applied Sciences, Head of Communications, tel.: +49 711 397-3008, E-mail: christiane.rathmann@hs-esslingen.de



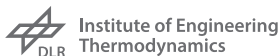
Photographer: KD Busch

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)
08:00-08:50	<i>Registration</i>	08:00-09:00	<i>Registration</i>	08:00-09:00	<i>Registration</i>
08:50-09:00	<i>Opening Address</i>				
09:00-09:30	Contributed Speech	09:00-09:30	Contributed Speech	09:00-09:30	Contributed Speech
09:30-10:00	Contributed Speech	09:30-10:00	Contributed Speech	09:30-10:00	Contributed Speech
10:00-10:20	Contributed Speech	10:00-10:20	Contributed Speech	10:00-10:20	Contributed Speech
10:20-10:45	<i>Coffee Break</i>	10:20-10:45	<i>Coffee Break</i>	10:20-10:45	<i>Coffee Break</i>
10:45-11:30	Malte Behrens	10:45-11:30	Boon Siang Yeo	10:45-11:15	Contributed Speech
				11:15-11:35	Contributed Speech
11:30-12:00	Contributed Speech	11:30-12:00	Contributed Speech	11:35-12:05	Contributed Speech
12:00-12:30	Contributed Speech	12:00-12:30	Contributed Speech	12:05-12:35	Contributed Speech
12:30-14:00	<i>Lunch</i>	12:30-14:00	<i>Lunch</i>	12:35-14:00	Poster Prize Ceremony
					<i>Lunch</i>
14:00-14:30	Contributed Speech	14:00-14:30	Contributed Speech	14:10-20:30	Excursion II (City Tour/Optional)
14:30-15:00	Contributed Speech	14:30-15:00	Contributed Speech		
15:00-15:30	Contributed Speech	15:00-15:30	Contributed Speech		
15:30-16:00	Contributed Speech	15:30-16:00	Contributed Speech		
16:00-16:20	Contributed Speech	16:00-16:30	<i>Coffee Break</i>		
16:20-18:30	Group Photo & Small Winery Tour (Excursion I)	16:30-17:00	Contributed Speech		
		17:00-17:20	Contributed Speech		
		17:20-17:40	Contributed Speech		
		17:40-18:10	Contributed Speech		
		18:10-18:30	Contributed Speech		
18:30-20:30	Banquet Ertl Prize Ceremony		Poster Session w/ F&B		

Supports and Sponsors



Accommodation

The Hotel

GINN Apartments

Hotel am Schelztor

The niu Timber

Hotel am Schillerpark

ECOINN

Hotel am Charlottenplatz

Martinstraße 23, 73728 Esslingen

Schelztorstraße 5 73728 Esslingen

Otto-Bayer-Straße 8-10, 73730 Esslingen

Neckarstraße 60, 73728 Esslingen

Kanalstraße 14-16, 73728 Esslingen

Plochinger Str.1, 73730 Esslingen

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

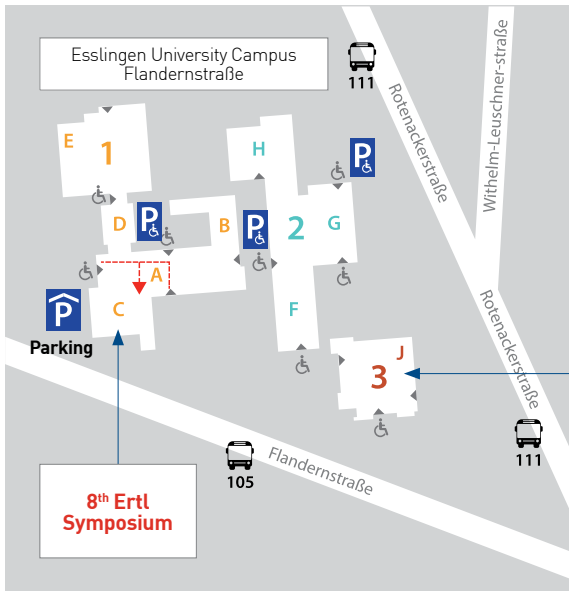
Reservations should be made individually. Other hotels (★★ to ★★★★★) near the venue are also available.

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.



How to find us?



Address:

Flandersstraße 101, 73732
Esslingen am Neckar,
Germany

Parking:

~ 500 parking lots in garage
(2€/ day; open 24h)

Cafeteria

▲ Entrance Building

▲ 8th Ertl Symposium

By car:

- From Munich A8 until exit Esslingen, follow signs "Esslingen"
- From Frankfurt: A5,A67,A6,A81 (one highway) exit Stuttgart city centre follow B10 to exit Esslingen city centre

By plane/train:

- Frankfurt: ICE to Stuttgart – S1, RE 5 or MEX 12/18 to Esslingen (1:30 h)
- Munich: S1 to Munich Hbf – Ulm or Stuttgart -RE/MEX to Esslingen (3 h)
- Stuttgart: Bus 122 to Esslingen ZOB (40 min) or S2 to Schwabstraße then S1

From hotels by bus/walking (Shuttle service will be provided):

