



DIVISION 6

Molecular Electrochemistry

Report 2024-2025



DIVISION 6 Officers



Division Chair: Prof Ismael Diez-Perez,
Kings College London



Chair Elect: Prof Eva Nichols,
University British Columbia



Past Chair: Prof Jose Zagal, University
of Santiago de Chile



Vice-Chair: Prof Josh Hihath,
Arizona State University



Vice-Chair: Prof Jiří Ludvík,
Heyrovsky Institute of
Physical Chemistry



Summary of Division 6 Activities



Division 6 Award

Jaroslav Heyrovsky Prize for Molecular Electrochemistry 2024



Prof. Simone Ciampi

Curtin University
Perth, Australia

CONGRATS!!!

The 2024 Jaroslav Heyrovsky Prize for Molecular Electrochemistry, Prof. Simone Ciampi, Curtin University, Australia. The Heyrovsky Prize was awarded to Simone for unique and original contributions opening new ways of exploring chemical catalysis using electrostatics in the electrochemical double layer.



Division 6 Award

Jaroslav Heyrovsky Prize for Molecular Electrochemistry 2025



Prof. Robert Francke
Leibniz Institute for Catalysis
Rostock, Germany

CONGRATS!!!

The 2025 Jaroslav Heyrovsky Prize for Molecular Electrochemistry, Prof. Robert Francke, Leibniz Institute for Catalysis (LIKAT), Rostock, Germany. The Heyrovsky Prize was awarded to Robert for for distinctive and original contribution to the field of electrosynthesis.



Sponsored Meetings 2023-2024

2023 workshop on bidirectional catalysis, from molecular machines to enzymes

11-12 September 2023, Marseille, France, Sponsored by: Div 2, Div 6

Electrosynthesis Faraday Discussion (Electrosynthesis-FD2023)

12-14 July 2023, Edinburgh, UK, Sponsored by: Div 6

Modern Electrochemical Methods XLII (2023) MEM XLII – 2023

22-26 May 2023 , Jetřichovice, Czech Republic Sponsored by: Czech Region, Div 6



Sponsored Meetings 2023-2024

Journées d'Electrochimie 2024 (JE 2024)

01/07/24 - 05/07/24, Saint Malo, France, Sponsored by: Div 6

The Division have approved the co-sponsorship (50%) of:

Electrifying Organic Synthesis - From Alternative Synthetic Access to Greener Production Methods (EOS 2025), contact: Robert Francke, Leibniz Institute for Catalysis

03/09/2025 – 05/09/2025, Mülheim, Germany, Sponsored by: Div 6 & 5.



Sponsored Meetings 2023-2024

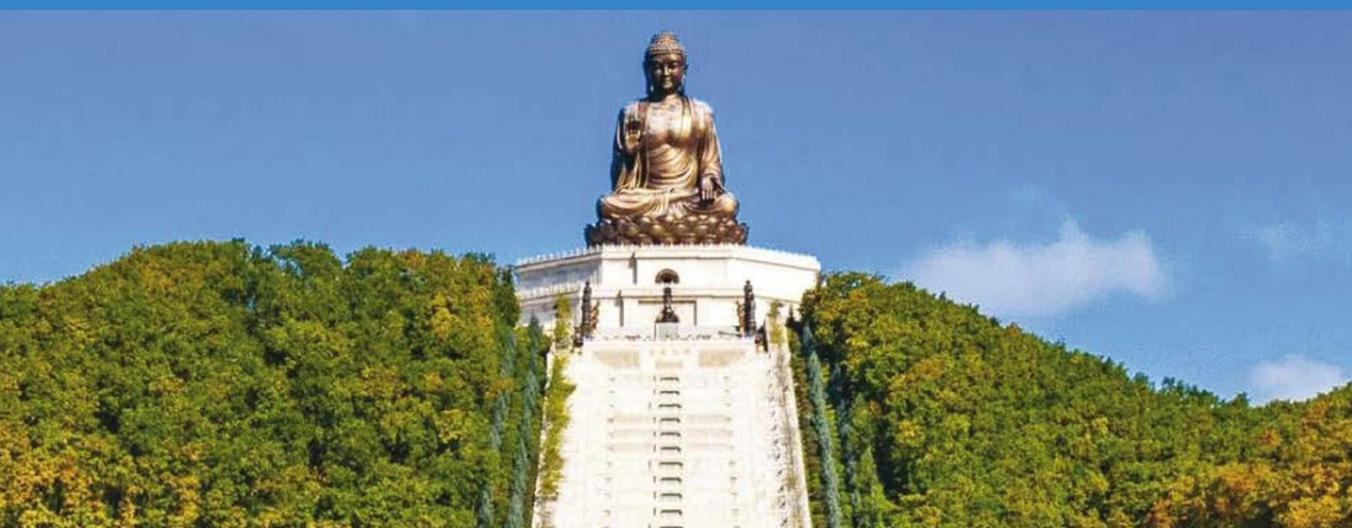
40th Topical Meeting

of the **International Society of Electrochemistry**

15 - 17 August 2025

Changchun, China

Interfacial electrochemistry
and related topics



Sponsored by:

Division 1 & Division 6

Xiurong Yang (Co-Chair),
Changchun Institute of Applied
Chemistry, CAS

Erkang Wang (Co-Chair),
Changchun Institute of Applied
Chemistry, CAS

Guobao Xu (Co-Chair),
Changchun Institute of Applied
Chemistry, CAS



Sponsored Meetings 2023-2024

2024

75th Annual Meeting of ISE
Montréal, Canada from 18 to 23 August 2024
<https://annual74.ise-online.org/index.php>

“Electrochemistry – Science and Technology for a Sustainable and Better Planet”





Sponsored Meetings 2023-2024

Symposium 12: Molecular platforms and electrochemistry for a sustainable society

Symposium Organisers:

Ismael Diez Perez (Coordinator), King's College London

Olivier Buriez, École Normale Supérieure

Eva Nichols, University of British Columbia

This symposium will scope fundamental approaches to study electroactive molecule/electrode interfaces across scales with applications including (bio)electrocatalysis, energy storage, photoelectrochemistry, sensing and electrosynthesis. Contributions were along the following topics:

- Fundamental charge transfer processes (including electrosynthetic aspects) in organic, organometallic coordination, supramolecular compounds, and (conducting) polymers.
- Nano-/Micro-scale approaches to study electrode/catalyst interactions.
- Electrified interfaces for chemical catalysis.
- Bio-inspired electrode/molecule interfaces for electrocatalysis.
- Electrode/protein interfaces for electrocatalysis.
- Molecular Plasmonics in electrochemical interfaces.
- Molecular catalysis in electrochemical microfluidics.
- DFT calculations of electrified molecule/electrode interfaces.
- Single-(bio)molecule and Molecular Electronics to understand molecule/electrode structure and interactions.
- Theory of (bio)molecular/electrode electron transfer and transport.
- *In situ* imaging and spectroscopies of functionalized electroactive surfaces.



Division 6 income 2025:

€ 5,200.48

Approved so far:	€ 500.00
Expenditure:	€ 500.00

Leftover DIVISION 6 2024: € 4,700.48



Sponsored Meetings 2023-2024

76th Annual Meeting of ISE, 7-12 September, Mainz, Germany **Mainz, Germany**

«Electrochemistry: From Basic Insights to Sustainable Technologies»





Sponsored Meetings 2023-2024

Symposium 12 Molecular spectro-photo-electrochemistry and electrosynthesis

Sponsored by: Division 6: Molecular electrochemistry

Symposium Organizers: **Jiří Ludvík (lead organizer)**, J. Heyrovsky Institute of Physical Chemistry, Czech Republic. **Mahito Atobe**, Yokohama National University, Japan. **Robert Francke**, Leibniz Institute for Catalysis, Germany. **Jose H. Zagal**, University of Santiago de Chile, Chile.

Symposium 13 Mechanisms in molecular electrochemistry for (bio-)catalysis, (bio-)sensing and electronics

Sponsored by: Division 6: Molecular Electrochemistry, Division 1: Analytical Electrochemistry, Division 2: Bioelectrochemistry & Division 7: Physical Electrochemistry

Symposium Organizers: **Federico Polo (lead organizer)**, Ca' Foscari University of Venice, Italy.

Magdaléna Hromadova, J. Heyrovský Institute of Physical Chemistry, Czech Republic. **Hye Jin Lee**, Kyungpook National University, South Korea. **Valentina Pifferi**, University of Milan, Italy. **Kristina Tschulik**, Ruhr-University Bochum, Germany.