

Report on Division 3 Activities from January 2024 to September 2024

There are currently 1742 active members of Division 3 from Europe, Asia, North and South Americas, Africa and Oceania (+10% increase compared to 2023). Division 3 is the second largest Division after Division 4 in the International Society of Electrochemistry with almost the same number of members.

1) Division Officers 2023-2024 term:

Since 01/2023 till 12/2024

Chair: Thierry Brousse (University of Nantes, France)

Past Chair: Andrea Balducci (Friedrich Schiller University Jena, Germany)

Chair Elect: Sonia Dsoke (University of Freiburg & Fraunhofer ISE, Germany)

Vice- Chairs: Sara Cavaliere (ICGM, Montpellier), Hye Ryung Byon (KAIST, South Korea)

2) Annual meeting

D3 sponsored symposia of 75th ISE Annual Meeting taking place from August 18 to 23 in Montreal (QC), Canada.

Symposium 5 Electrochemistry of advanced batteries: Fundamentals, progress, and challenges

Hye Ryung Byon (Coordinator), KAIST Chemistry

Dominic Bresser, Helmholtz Institute Ulm

Andy Sun, Western University

Christian Kuss, University of Manitoba

Symposium 6 Fast processes/power electrochemical energy storage systems

Olivier Fontaine (Coordinator), Molecular Electrochemistry for Energy laboratory - VISTEC

Olivier Crosnier, Université de Nantes

Ouassim Ghodbane, Institut National de Recherche et d'Analyse Physico-Chimique, INRAP

Aiping Yu, University of Waterloo

Symposium 7 Electrocatalysis: Understanding electrochemical processes at the atomic level for industrial-scale systems

Gregory Jerkiewicz (Coordinator), Queen's University

Michael Eikerling, Forschungszentrum Jülich

Samira Siahrostami, Simon Fraser University

Shigenori Mitsushima, Yokohama National University

Symposium 11 Energy electrochemical technology/electrosynthesis and industrial processes (co-sponsored by divisions 3, 4 and 5)

Sara Cavaliere (Coordinator), University of Montpellier

Ignasi Sires, University of Barcelona

C. A. Ponce-de-Leon-Albarran, University of Southampton

Edward (Ted) Roberts, University of Calgary

Symposium 14 Recent advances in photoelectrochemistry and plasmonics: Fundamentals and applications (co-sponsored by divisions 3, 5 and 7)

Aicheng Chen (Coordinator), University of Guelph

Minghua Zhou, Nankai University

Fatwa F. Abdi, Helmholtz-Zentrum Berlin

Leyla Soleymani, McMaster University

Symposium 16 General session

Jean Lessard (Coordinator), Université de Sherbrooke

Wataru Sugimoto, Shinshu University

Clara Santato, Polytechnique Montreal

Donal Leech, University of Galway

3) Topical and regional meetings

In 2024, D3 sponsored the following topical meeting:

37th Topical Meeting of the International Society of Electrochemistry, 9 - 12 June 2024, Stresa, Italy: Electrochemical energy for a greener and more sustainable future society (co-sponsored by division 4)

38th Topical Meeting of the International Society of Electrochemistry, 8-11 September Manchester, UK: Nanomaterials in Electrochemistry (co-sponsored by division 4 and 7)

4) D3 sponsored meetings

The Division has sponsored 11 meetings in 2024. There have been some problems of communications between symposium organizers requesting some sponsoring from our division and the ISE office, which was not answering neither forwarding the requests to Division 3. This state of fact has caused some delays in getting official approval of sponsoring, and also some misunderstanding about the will of Division 3 to sponsor the meetings. It must be noted that Division 3 approved to sponsor all the meetings that they were aware of in 2024. Recommendation for the organizers is to use the Division 3 ISE sponsorship to help and promote young and early career researchers.

1. Winter school on electrocatalysis, 5-9 February 2024, Antwerp, Belgium.
2. EcatalytiX, 3-5 April 2024, Strasbourg, France.
3. 6th ISE Satellite Student Regional Symposium on Electrochemistry «Promising Materials and Processes in Applied Electrochemistry» (6ISE SSRSEU), 22 May 2024, Kiev, Ukraine.
4. Electrocatalysis in Complex Structures (#ECAT2024), 22-24 May 2024, Nuremberg, Germany.
5. 7th International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface (ISSIS2024), 5-7 June 2024, Krakow, Poland.
6. Journées d'Electrochimie 2024 (JE 2024), 1-5 July 2024, ST Malo, France.
7. Sofia Electrochemical Days (SED' 24), 2-6 July 2024, Varna, Bulgaria.
8. ISEECap2024, 8-12 July 2024, Vitoria-Gasteiz, Spain.

9. Israel Electrochemical Society Meeting 2024 (ISEL 2024), 8 July 2024, Jerusalem, Israël.

10. International Symposium on Beyond Li-Ion Batteries 2024 (BeLI24), 1-6 September 2024, Padova, Italy.

11. Anion Exchange Membrane Fuel Cells - A new source of innovative green energy generation/ AEMFC 2024, 27-30 October 2024, Haifa, Israel.

Level of sponsorship ranges from 500 to 1000 euros depending on the number of participants, ISE members, etc.

5) Contribution to Electrochimica Acta Special Issues

Electrochimica Acta Special Issue containing selected papers presented at the 75th ISE Annual Meeting is planned. D3 contribute to this issue with the symposia indicated above

6) Dedicated ISE prize from division 3

During the last meeting of Division 3 in Lyon, the members outlined the importance to improve the visibility of the D3 and ISE and to create a dedicated prize sponsored by division 3. This will be presented to the EC in Montreal.

7) Annual division meeting

The annual division 3 meeting took place on 22 August 2024 in Montreal during the annual meeting...

Thierry Brousse
(on behalf of ISE Division 3)
12/08/2024