

## **Report on Division 3 Activities from January 2025 to September 2025**

There are currently 1887 active members of Division 3 from Europe, Asia, North and South America, Africa and Oceania (+7,5% increase compared to 2024). 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 2025-2026 term:**

Term from 01/2025 to 12/2026:

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

Past Chair: Thierry Brousse (University of Nantes, France)

Chair Elect: Sara Cavaliere (ICGM, Montpellier)

Vice-Chairs: Rebeca Marcilla (Imdea Energy, Spain), Yu Katayama (Osaka University, Japan)

### **2) Annual meeting**

**D3 sponsored symposia of 76<sup>th</sup> ISE Annual Meeting taking place from September 7th to 12th in Mainz, Germany.**

**Symposium 3: Electrochemical and bioelectrochemical synthesis of small molecular products** (co-sponsored by D2, D3 and D5)

*Carlo Santoro (Coordinator), University of Milano-Bicocca, Italy.*

*Corina Andronescu, University Duisburg-Essen, Germany.*

*Fatwa Abdi, City University of Hong Kong,*

*Hong Kong. HyungKuk Ju, Dankook University, South Korea.*

**Symposium 4: Lithium-ion batteries: From liquid to solid state**

*Jelena Popovic-Neuber (lead organizer), University of Stavanger, Norway.*

*Yu-Guo Guo, Chinese Academy of Sciences, China.*

*Dominic Bresser, Helmholtz Institute Ulm (HIU), Germany.*

*HyungKuk Ju, Dankook University, South Korea.*

*Isidora Cekic-Laskovic, Helmholtz Institute Münster, Germany*

**Symposium 5: New battery chemistries** (co-sponsored by D3 and D4)

*Rebeca Marcilla (lead organizer), IMDEA Energy Institute, Spain.*

*Tetsu Ichitsubo, Tohoku University, Japan.*

*Matteo Bianchini, University of Bayreuth, Germany.*

*Sonia Dsoke, University of Freiburg, Germany.*

**Symposium 6: Hydrogen production and conversion: Advances in water electrolysis and fuel cells**

*Ifan Stephens (lead organizer), Imperial College London, UK.*

*Svitlana Pylypenko, Colorado School of Mines, USA.*

*Kai Exner, University Duisburg-Essen, Germany.*

*Aaron Marshall, University of Canterbury, New Zealand.*

**Symposium 7: High power devices: Electrodes and electrolytes, limiting factors or assets for power capability?**

*Maria Arnaiz (lead organizer), CIC Energigune, Spain.*

*Binson Babu, Shiv Nadar Institution of Eminence, India.*

*Andrea Balducci, Friedrich-Schiller-University Jena, Germany.*

*Elzbieta Frackowiak, Poznan University of Technology, Poland.*

**Symposium 9 Durability of materials for energy conversion and storage: Mechanism, mitigation and performance (co-sponsored by D3 and D4)***Jan M. Macak (lead organizer), University of Pardubice, Czech Republic.*

*Mireille Turmine (lead organizer), Sorbonne Université, France.*

*Bernard Lestriez, Université de Nantes, France.*

*Arno Bergmann, Fritz-Haber-Institute of the MPG, Germany.*

**Symposium 16 General session - Hidden treasures and diversity of electrochemistry (co-sponsored by all divisions)**

*Wolfgang Schuhmann (lead organizer), Ruhr-Universität Bochum Germany.*

*Priscilla G. L. Baker, University of the Western Cape, South Africa.*

*Silvia Cere, University of Mar, Argentina.*

*Zhong-Qun Tian, Xiamen University, China.*

**3) D3-sponsored satellite meeting:**

**ElectroLytes and Interfaces in PoSt-Li BatteriEs (ISE 2025 satellite meeting) (ELLIPSE)**

15-16 September 2025, Ulm, Germany

**4) Topical and regional meetings**

In 2025, D3 sponsored the following topical meetings:

39th Topical Meeting of the International Society of Electrochemistry, 23 - 26 March, 2025 - Natal, Brazil: The role of electrochemistry in sustainable energy and the environment (co-sponsored by division 3 and division 5)

**5) D3 sponsored meetings**

The Division has sponsored 9 meetings in 2025. Recommendation for the organizers is to use the Division 3 ISE sponsorship to help and promote young and early career researchers.

1. 11th International Conference on Electrochemistry in Nanosciences: On-surface chemistry for nanoscale electrochemical phenomena (ElecNano11). 05-07 May 2025, Angers, France – Co-sponsored by Division 1 and Division 3 (<https://workshopbao.sciencesconf.org/>)
2. Workshop on Aqueous Organic Redox Flow Batteries. 24-25 April 2025, Paris, France (<https://workshopbao.sciencesconf.org/>)

3. International School of Electrocatalysis 2025 (ISECAT2025). 23<sup>rd</sup> to 25<sup>th</sup> of July 2025, Padova, Italy (<https://projects.dii.unipd.it/isecat2025/>)
4. CNRS-Africa Residential Research Schools HELIOS. 20-07-2025 to 03-08-2025, Lome, Togo. Co-sponsored by Division 7 and Division 3
5. Educational learning modules on Li-ion batteries - ELMO-LION PhD Educational summer school. July 28 – August 1, 2025, Padova, Italy. Co-sponsored by Division 3 and Division 4 (<https://elmo-lion.com/summer-school/>)
6. 1st Joint Conference of Gruppo Interdivisionale di Chimica per l'Accumulo e la Conversione Elettrochimica dell'Energia - Italian Group for Electrochemical Energy Storage (ACee - GISEL). 21 July 2025 to 23 July 2025. Padova, Italy. Co-sponsored by Division 3 and Division 4 (<https://projects.dii.unipd.it/acee/>)
7. 5th International Workshop on Functional Nanostructured Materials (FuNaM-5). 24–26.09.2025. Krakow, Poland. Co-sponsored by Division 3 and Division 4. ([https://funam.confer.uj.edu.pl/en\\_GB/start](https://funam.confer.uj.edu.pl/en_GB/start))
8. Energy Storage Discussions 2025 (EDS2025). 19/11/25 - 21/11/25, Ensenada, Baja California, Mexico. (<https://esd2025.reddealmacenamientodeenergia.com/>)
9. Advanced Batteries, Accumulators and Fuel Cells- ABAF 26<sup>th</sup>, 31-08-2025/03-09-2025, Brno, Czech Republic. (<https://www.aba-brno.cz>)

The level of sponsorship ranges from 300 to 1000 euros, depending on the number of participants, ISE members, etc.

## **6) Contribution to *Electrochimica Acta* Special Issues**

*Electrochimica Acta* Special Issue containing selected papers presented at the 76<sup>th</sup> ISE Annual Meeting is planned. D3 contributes to this issue with the symposia indicated above. A special issue dedicated to the 39th Topical Meeting of the International Society of Electrochemistry, 23 - 26 March, 2025 - Natal, Brazil: The role of electrochemistry in sustainable energy and the environment, has just been launched.

## **7) Dedicated ISE prize from Division 3**

Division 3 established a new Prize for Senior researchers “ISE Prize for Electrochemical Energy Conversion and Storage of Division 3 in Honour of Bruno Scrosati”

**Recipient:** Professor Laurence Croguennec. Laurence Croguennec is a world leader in electrode materials for alkali-ion batteries, with internationally recognized contributions that have significantly advanced the understanding and development of lithium-, sodium-, and potassium-ion batteries, as well as all-solid-state systems. Her research uniquely combines expertise in material science, atomic structure, and electrochemical properties to optimize electrode performance, with a strong focus on sustainability and future battery technologies. Division 3 congratulates her for this award!

## **8) Annual division meeting**

The annual division 3 meeting will take place in Mainz on the 11th of September 2025 during the annual meeting.

Sonia Dsoke  
(on behalf of ISE Division 3)  
23/07/2025  
