

Report on Division 4 (Electrochemical Materials Science) activities from September 2023 to August 2024

We currently have 1734 active members in Division 4 worldwide, representing approximately 45% of the ISE membership. It should be noted that this number is the largest of any division.

The division officers for 2023-2024 term are:

Hiroki HABAZAKI (Chair), Japan
Vincent VIVIER (Past Chair), France
Carmen PEREZ (Chair Elect), Spain
Jan MACAK (Vice-Chair), Czech Republic
Silvia CERE (Vice-Chair), Argentina

Division 4 is usually involved in the organization of the annual meeting and topical meetings. Division 4 has sponsored several electrochemical meetings and symposia. This support is most often done through funding one or two fellowships to support the participation of young scientists in these meetings.

1. Organization and co-organization of 5 symposia at the 74th annual ISE meeting (Lyon, France)

Symp. 7 Corrosion science and technology: Towards more sustainable materials (D4, D2, D5, D7)

Symp. 8 Coatings and electrochemical surface treatments (D4, D5, D7)

Symp. 9 Integrated electrocatalyst and electrode engineering for sustainable electrochemical processes (D4, D5, D2, D3, D7)

Symp. 11 New materials for electroanalysis (D1, D4, D6)

Symp. 16 General Session (All Divisions)

2. Co-sponsoring of 37th ISE Topical Meeting

Topics: Electrochemical energy for a greener and more sustainable future society

9-12 June 2024, Stresa, Italy, chaired by Riccardo Ruffo

3. Sponsored meetings

2024

Israel Electrochemical Society (ISEL) Meeting 2024

8 July, Jerusalem, Israel, Sponsored by: Div.4, Div.3

Aqueous Corrosion Gordon Research Seminar 2024

6-12 July, New London, USA, Sponsored by Div. 4

Sofia Electrochemical Days 2024

2-6 July, Varna, Bulgaria, Sponsored by Div. 3, Div.4

International Conference on Lasers, Plasma and Radiation Science and Technology

17-20 June, Danube Delta, Romania, Sponsored by Div.4

7th International Symposium on Surface Imaging/Spectroscopy at the Solid/Liquid Interface

5-7 June, Krakow, Poland, Sponsored by Div.3, Div.4

Modern Electrochemical Methods XLIII

20-24 May, Jetřichovice, Czech Republic, Sponsored by Div.4

XXX Scientific and Technical Conference ANTICORROSION

14-16 May, Jaszowiec, Poland, Sponsored by Div.4

Corrosion Awareness Day Meeting 2024

24 April, Gliwice, Poland, Sponsored by Div.4

2023

4th International Workshop on Functional Nanostructured Materials

26-29 September, Krakow, Poland, Sponsored by Div.3, Div.4

7th International Conference on Advanced Capacitors

26-29 September, Kamakura, Japan, Sponsored by Div.3, Div.4

4. ISE Awards

Chaired and sponsored ISE prizes

1. ISE-Prize for Electrochemical Material Science

The ISE-Prize for Electrochemical Materials Science is awarded annually to a young researcher for contributions in the field of electrochemical materials science, including corrosion, electrodeposition and surface treatment.

Recipient for 2024: Nerea Casado, University of the Basque Country, Spain

2. ISE Elsevier Prize for Applied Electrochemistry

The Chair of Division 4 was in the selection committee for the above ISE Prize.

Recipient for 2024: Edison Huixiang Ang, Nanyang Technological University, Singapore