



The
Electrochemical
Society

Advancing solid state &
electrochemical science & technology



2025 YEAR IN REVIEW

Highlights



2025 Year in Review

In 2025, our members' crucial role in addressing global challenges—establishing renewable energy sources, mitigating climate change, providing clean water, finding new and more efficient ways to store and utilize energy, inventing environmentally safe corrosion inhibitors, developing advanced sensors, and more—continued to expand in the face of significant local and global challenges. As the leading society in solid state and electrochemical science, The Electrochemical Society (ECS) is proud to fulfill our urgent mission of empowering our members at the forefront of discovery for the benefit of all humanity.



Key 2025 Society Achievements

- Accelerating scientific discovery at ECS meetings by convening record numbers of scientists worldwide and across career stages, with the 247th ECS Meeting the largest spring meeting in the Society's 123-year history and the 248th the largest non-PRiME meeting during that time
- Disseminating groundbreaking research and discoveries broadly through ECS journals, achieving a record **21,541,651** downloads from the ECS Digital Library hosted on IOPscience
- Increasing the number of ECS Student Chapters to **163**
- Expanding science advocacy efforts with a leadership visit to Capitol Hill and coauthoring a response to Executive Order "Improving Oversight of Federal Grantmaking"
- Affirming our commitment to DEI with the formation of the Community Inclusion Committee and appointment of **Alice Suroviec** as the Society's first Community Inclusion Committee Chair
- Achieving strong financial results to sustain these initiatives



**We invite you to
CELEBRATE SCIENTIFIC PROGRESS
in 2026!**



SUSTAINABLE TECHNOLOGIES

249th ECS Meeting

May 24–28, 2026

Seattle, WA US

Seattle Convention Center –
Arch and Sheraton Grand Seattle



250th ECS MEETING CELEBRATION

250th ECS Meeting

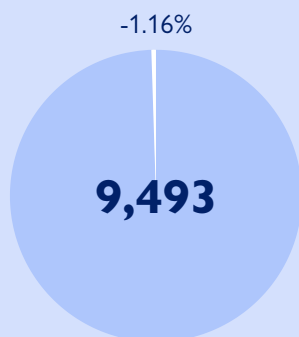
October 25–29, 2026

Calgary, Canada

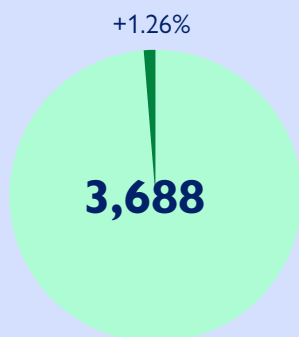
BMO Centre

Membership

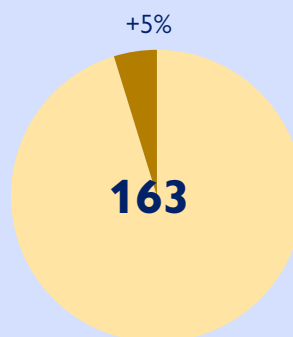
Total # of members



Total # of student members



Total # of ECS Student Chapters



Total # of ECS institutional members (partners)



New Student Chapters in China, Lithuania, Mexico, United Arab Emirates, US

Honors, Awards, Fellowships, and Grants

ECS Toyota Young Investigator Fellowship

- Total \$ awarded \$250,000 (5 × \$50,000)
- Total # of 2025–2026 Fellowship recipients 5
(Wesley Chang, Jovan Kamcev, Jeffrey Lopez, Gioele Pagot, and Evan Wenbo Zhao)
- Grant per Fellowship recipient \$50,000
- Total \$ awarded since program inception \$1.9 M
- Total # of awardees since program inception 38 (including 2025–2026 recipients)

ECS Toyota Young Investigator Fellowship expanded beyond the US, Canada, and Mexico to include researchers based in Europe

ECS Summer Fellowships

- Total \$ awarded \$20,000
- Total # of Fellowship recipients 4
- Amount of each Fellowship \$5,000
- Total \$ awarded for ECS Colin Garfield Fink Fellowship \$5,000
- Total # of ECS Colin Garfield Fink Fellowship recipient(s) 1

ECS Travel Grants

- 247th ECS Meeting
 - Total \$ awarded \$71,950
 - Total # of recipients 134
- 248th ECS Meeting
 - Total \$ awarded \$78,070
 - Total # of recipients 134

Z01—General Student Poster Awards

- Total \$ awarded \$6,000
- Total # of Student Poster Award winners 7

Society, Division, and Section Awards

- Total \$ awarded \$82,500
- Total # of Society Award recipients 7
- Total # of Division Award recipients 27
- Total # of Section Award recipients 9

2025 Class of Fellows of The Electrochemical Society

Thierry Brousse, *École polytechnique universitaire de Nantes Université*

Scott Calabrese Barton, *Michigan State University*

Uroš Cvelbar, *Jožef Stefan Institut*

Avetik R. Harutyunyan, *Honda Research Institute USA*

Bing-Joe Hwang, *National Taiwan University of Science and Technology*

Ryoji Kanno, *Institute of Integrated Research, Institute of Science Tokyo*

Xingbo Liu, *West Virginia University*

Radenka Maric, *University of Connecticut*

Nosang Myung, *University of Notre Dame*

Colm O'Dwyer, *University College Cork*

Jeff Sakamoto, *University of California, Santa Barbara*

David Wilkinson, *University of British Columbia*

ECS Education

- Total # of webinars 10
 - Total # of registrants 6,038
 - Total # of speakers 12
- Total # of ECS Short Courses 6
 - Total # of registrants 87

- Total # of Professional Development Workshops 3
 - Total # of registrants 128
- Total # of Battery Courses 3
 - Total # of registrants 44

Launch of third ECS Battery Course, "Manufacturing of Lithium-Ion Batteries and Pack Design."

Meetings

247th ECS Meeting

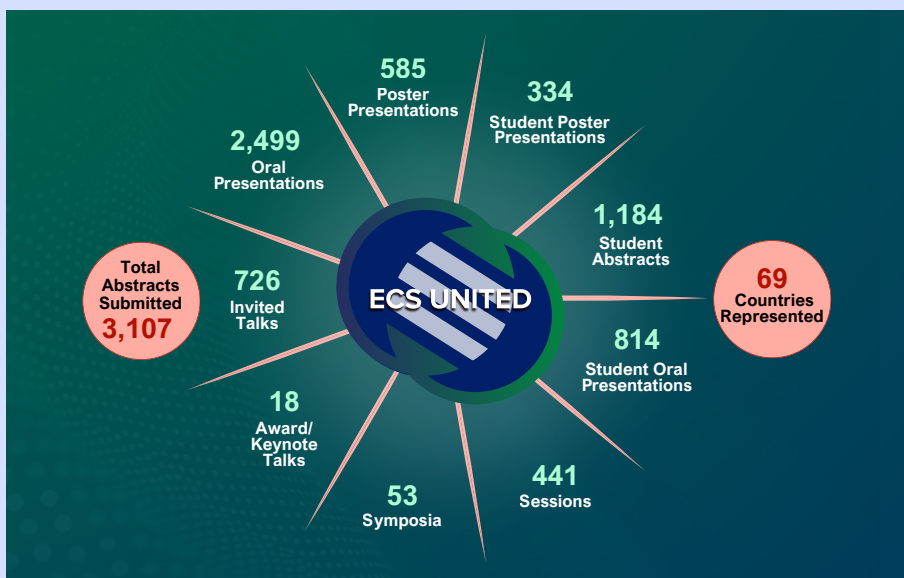
May 18–22, 2025 | Montréal, Canada

ECS UNITED

Total # of:

- Registrants 2,454 (plus) Non-technical guests 20
- Exhibitors 38
- Technical sponsors 15

- Total external symposium funding \$56,920
- Total Division symposium funding \$30,200
- Total # of registration waivers 29



247th ECS Meeting: ECS United

- Largest spring meeting in the Society's 123-year history
- ECS Lecture delivered by **David P. Wilkinson**, University of British Columbia
- Return of "It Could Be Verse," an evening of international poetry and song
- Member reception had its own theme: "Celebrating 12 Million Digital Library Downloads"
- First "Whittingham Young Investigator and Student Slam" symposium (formerly the Battery Student Slam symposium)

248th ECS Meeting

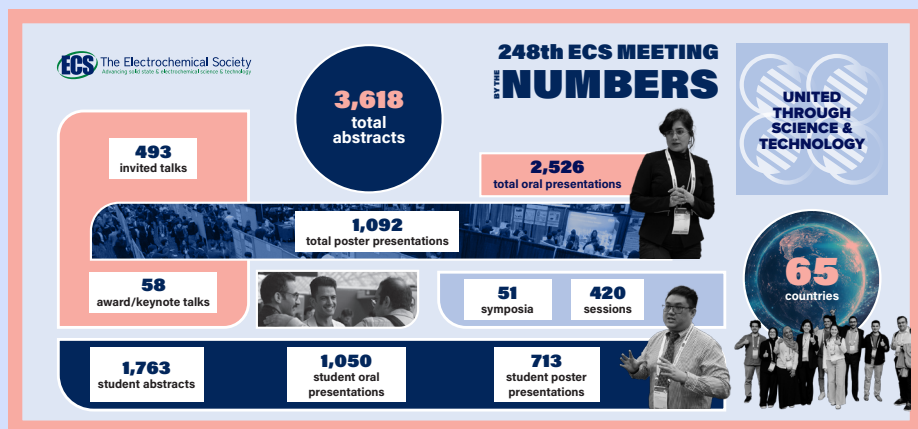
October 12–16, 2025 | Chicago, IL US

UNITED THROUGH SCIENCE & TECHNOLOGY

Total # of:

- Registrants 3,113 (plus) Non-technical guests 28
- Exhibitors 32
- Technical sponsors 28

- Total external symposium funding \$96,385
- Total Division symposium funding \$26,800
- Total # of registration waivers 63



248th ECS Meeting: United Through Science & Technology

- Largest non-PRiME meeting in the Society's 123-year history
- ECS Lecture delivered by **Yang Shao-Horn**, Massachusetts Institute of Technology
- Fifth meeting in a row (since fall 2023) to exceed 3,000 scheduled presentations
- Member reception had its own theme: "Celebrating Student Chapters"
- NEW for this meeting: Video Hub where meeting attendees could share their ECS stories

ECS-Related Meeting

19th International Symposium on Solid Oxide Fuel Cells (SOFC-XIX)

July 13–July 18, 2025 | Stockholm, Sweden

Total # of:

- Participants 511 (plus) Non-technical guests 25
- Sessions 58
- Countries represented 40
- Abstracts 488
 - Including # student abstracts 212
- Oral talks 300
 - Including # student talks 125
 - Invited talks 7

- Posters 188
 - Including # student posters 87
- Exhibitors 15
- Technical sponsors 2
- Total external symposium funding \$5,000
- Total Division symposium funding \$7,500
- Total # of registration waivers 0

SOFC-XIX

- Award talk: High-Temperature Energy, Materials, & Processes Division Subhash Singhal Award winner Subhasish Mukerjee, Ceres Power Limited
- Keynote talks: Speakers from NEDO (New Energy and Industrial Technology Development Organization, Japan), Korea Institute of Energy Research (KIER), and Clean Hydrogen Partnership (Europe) gave plenary talks
- SOFC held their opening reception at the Stockholm Opera House, and a banquet at The Brewery (the main meeting venue)

Publications



JES Impact factor increased from **3.1** to **3.3** with **8,741 citations**



JSS Impact factor increased from **1.8** to **2.2** with **2,153 citations**

Editorial Changes

Farewell to:

- **Harshina Mukundan**, Associate Editor, *ECS Sensors Plus* (ECSSP)
- **Katja Frohlich**, Associate Editor, ECSSP
- **Olja Simoska**, Associate Editor, ECSSP
- **Krishnan Rajeshwar**, Editor-in-Chief, *Journal of Solid State Science* (JSS)
- **Stefano Cinti**, Technical Editor, *Journal of The Electrochemical Society* (JES) & *JSS Sensors*
- **Janine Mauseroll**, Technical Editor, *JES Organic and Bioelectrochemistry*
- **Aniruddh Khanna**, Technical Editor, *JSS Electronic Materials and Processing*

- **Dirk Guldi**, Technical Editor, *JSS Carbon Nanostructures and Devices*
- **Thomas Thundat**, Associate Editor, ECSSP
- **Nae-Lih (Nick) Wu**, Associate Editor, JES

Welcome to:

- **Tae-Yeon Seong**, Technical Editor, *JSS Electronic and Photonic Devices and Systems*
- **Jeffrey Bell**, Associate Editor, ECSSP
- **Keith Stevenson**, Associate Editor, JES
- **Thiagarajan Soundappan**, Associate Editor, ECSSP
- **Jihyun Kim**, Technical Editor, *JSS Carbon Nanostructures and Devices*

Top ECS Reviewers

- *Batteries and Energy Storage*: **Bingan Lu, Liqiang Mai, Simin Peng**
- *Carbon Nanostructures and Devices*: **Ghulam Dastgeer, Hanim Hussin, L. Bahmad**
- *Corrosion Science and Technology*: **Elena Romanovskaia, Gerald Frankel, Joey Kish**
- *Dielectric Science and Materials*: **Abhishek Rawat, Arun Banotra, Ritesh Verma**
- *Electrochemical Engineering*: **Ali Abbar, Arash Namaeighasemi, Geethapriyan Thangamani**
- *Electrochemical/Electroless Deposition*: **György Kaptay, Graham T. Cheek, Jianxun Song**
- *Electronic and Photonic Devices and Systems*: **Jian-Sian Li, Shreesha Rao, Stephen J. Pearton**
- *Electronic Materials and Processing*: **Jihoon Seo, Fatima Anwar, Qinzhi Xu**

- *Fuel Cells, Electrolyzers, and Energy Conversion*: **Jean St-Pierre, Nagappan Ramaswamy, Yudong Wang**
 - *Luminescence and Display Materials, Devices, and Processing*: **Alok Srivastava, Miles Ugemuge, A. N. Yerpude**
 - *Organic and Bioelectrochemistry*: **Marta Jarczewska, Philippe Dauphin-Ducharme, Yuquan Feng**
 - *Physical and Analytical Electrochemistry, Electrocatalysis, and Photoelectrochemistry*: **Cheolwoo Park, Mingyi Zhang, Paweł Józef Kulesza**
 - *Sensors*: **Anushkannan Nedumaran Kalavathy, Pramod Kumar K. Gupta, Yi Hsing Liu**
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- JSS and JES now included in publishing agreements with the University of California Digital Library and the French higher education and research institutions' Couperin Consortium.
 - ECS Advances (ECSA) now officially indexed in Web of Science (WoS).

21,541,651

Total # of ECS Digital Library articles and abstracts downloaded

7,101

Total # of journal articles published in the 2025 volume year (not including ECS Interface)

530

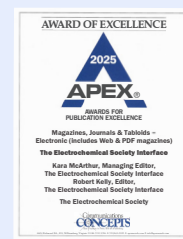
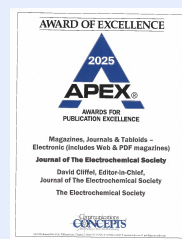
Total # of open access papers published in 2025 (JES, JSS, ECSA, & ECSSP)

35%

Percentage of articles published as open access in 2025 (JES, JSS, ECSA, & ECSSP only)

#FREE THE SCIENCE

Free the Science Week downloads from JES, JSS, ECS Meeting Abstracts, ECS Interface, and ECS Transactions (ECST) jumped from **281,260** in 2024 to **518,132** in 2025—an **84% increase**.



- ECS wins two 2025 APEX Awards for Publication Excellence.

Look Where ECS Was Represented in 2025!

ECS-Sponsored Meetings

- **2025 Workshop on Electrochemistry**
April 28–30 | Allen J. Bard Center for Electrochemistry, University of Texas at Austin
- **Electrochemical Engineering Workshop: From Fundamentals to Applications**
June 2–4 | Case Western Reserve University
- **2025 Battery Safety Workshop**
June 5–6 | University of North Carolina at Charlotte
- **19th International Symposium on Solid Oxide Fuel Cells (SOFC-XIX)**
July 13–18 | Stockholm, Sweden

- **LEC 2025 Lester Eastman Conference on High Performance Devices**
August 11–13 | University of Florida
- **Annual Workshop on Electrochemical Measurements**
August 11–15 | Case Western Reserve University
- **International Conference on Excited States of Transition Elements (ESTE2025)**
August 24–29 | Wrocław, Poland

ECS-Exhibited Meeting

- **International Battery Seminar & Exhibit (IBSE)**
March 17–20 | Orlando, FL