

# 14<sup>th</sup> ISE Satellite Student Regional Symposium on Electrochemistry

June 27, 2025

Faculty of Chemical Engineering and Technology  
Zagreb, Croatia

## Conference Report



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Croatian Society of Chemical Engineers

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The 14th ISE Satellite Student Regional Symposium on Electrochemistry (14th ISE-SRSSE) was successfully held on Friday, June 27, 2025, in a hybrid format at the Faculty of Chemical Engineering and Technology, University of Zagreb, Croatia. The event was organized under the auspices of the International Society of Electrochemistry (ISE) and supported by the Croatian Society of Chemical Engineers.

The primary aim of the symposium was to promote scientific communication and exchange among young electrochemists—undergraduate, graduate, and doctoral students—by providing a collegial platform to present their research through oral presentations. The 2025 edition welcomed **25 student presenters** from **Croatia, Austria, Bosnia and Herzegovina, Slovenia, Serbia and Algeria**, who delivered talks spanning a broad spectrum of electrochemical disciplines.

Topics included:

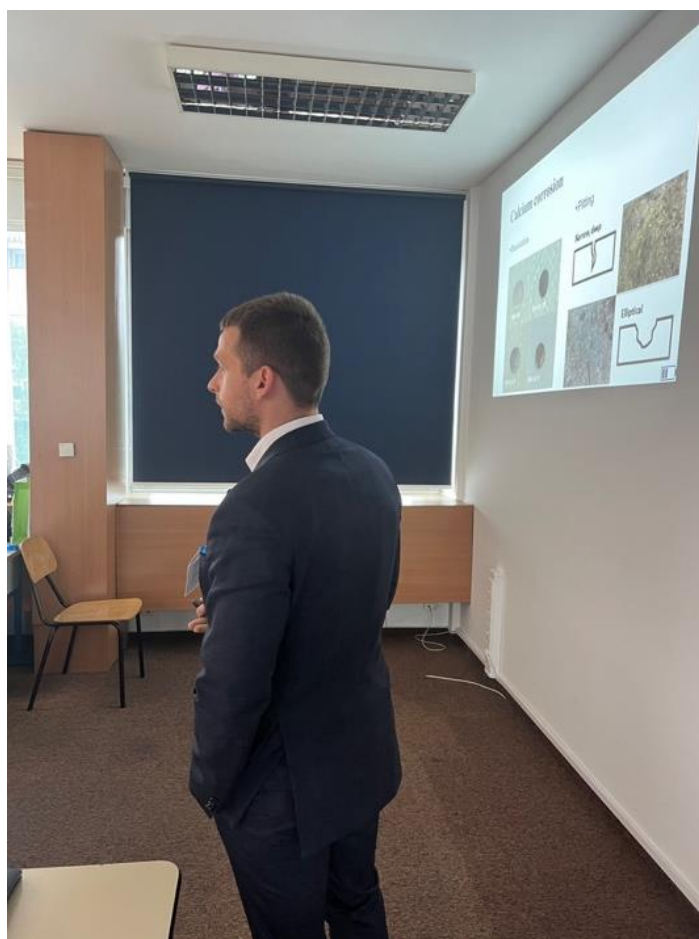
- Electrochemistry of materials and coatings
- Corrosion science
- Electrochemical energy storage and batteries
- Electroanalytical chemistry
- Electro-organic synthesis
- Environmental electrochemistry



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The symposium commenced with a welcome address from the organizing committee, composed of Ivana Šoić (Faculty of Chemical Engineering and Technology) and Narda Stipanović (Ruđer Bošković Institute). A diverse and engaging scientific program followed, featuring presentations on topics such as ionic liquids for batteries, corrosion protection strategies, innovative bioimplant characterization, sustainable supercapacitor materials, and next-generation ion-selective electrodes.

Two plenary lectures were delivered by **Nikola Zdolšek** and **Grgur Mihalinec**, whose contributions provided insights into advanced battery technologies and the development of calcium-based solid electrolyte interphases.



The scientific sessions were interspersed with two coffee breaks—one in the morning and one in the afternoon—as well as a lunch break at 1:00 PM. These informal breaks offered a valuable opportunity for students and attendees to engage in stimulating scientific discussions, exchange ideas, and explore potential collaborations in a relaxed and friendly atmosphere.



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At the end of the day, all participants were invited to vote for the Best Student Presentations, which recognized outstanding contributions delivered in person. The prize money was generously sponsored by BioLogic.

The winners were:

- **First place and the 150 EUR reward:** *Floren Radovanović-Perić*  
*„Design and characterization of electron donating organic semiconductors for photovoltaic application“*
- **Second place and the 100 EUR reward:** *Hrvoje Tašner*  
*„Correlation of Mass Loading and Active Material Layer Thickness with the Electrochemical Performance of Graphite Electrodes“*
- **Third place and the 50 EUR reward:** *Livia Grgurić*  
*„Exploring Ca electrolytes based on weakly coordinating anion salts“*

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Each of these presentations exemplified scientific excellence, clear communication, and promising innovation.



The organizing committee extends its sincere gratitude to all participants for their valuable scientific contributions and collegial spirit. Special thanks go to the **International Society of Electrochemistry (ISE)** for their continued support, which made this event possible. The generous backing of **BioLogic**, **Emus**, **ReCorrTech**, and **Labena** is also gratefully acknowledged.

The organizers gratefully acknowledge the financial support provided by the **International Society of Electrochemistry (ISE)** in the amount of **700 EUR**.

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A summary of the symposium expenses is presented in the table below:

Expense Type	Amount (EUR)
Conference materials (cups, bags, printed materials)	235.10
Lunch	607.37
Refreshments (cakes, coffee, and beverages)	39.30
Consumables (lunch sets, paper cups, etc.)	11.95
Monetary awards for Best Presentation	300.00
<b>Total</b>	<b>1,193.72</b>

The support from ISE was instrumental in ensuring the success and quality of the event. The remaining expenses were covered through contributions from additional sponsors and institutional resources.





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The 14th ISE-SRSSE once again demonstrated the vitality and promise of the next generation of electrochemists in Southeastern Europe and beyond. We look forward to building on this momentum in future editions.

The Book of abstracts is available at the [link](#).

Organizing Committee:

Ivana Šoić, mag.appl.chem.

Narda Stipanović, mag.chem.



Financially supported :



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