41st Topical Meeting

of the **International Society of Electrochemistry**

7 - 10 June 2026

Belgrade, Serbia

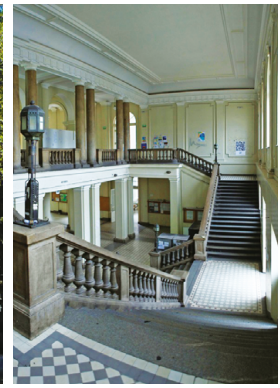
Corrosion and surface modification
at the forefront of 21st century green
electrochemistry processes and technology

PROGRAM

www.ise-online.org/meetings/topical41

e-mail: events@ise-online.org

Conference Venue



University of Belgrade, Faculty of Civil Engineering, *Bulevar kralja Aleksandra 73, 11120 Belgrade, Serbia* - *https://web1.grf.bg.ac.rs/home/e*

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Institute for Chemistry, Technology and Metallurgy (ICTM)
University of Belgrade

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Exhibitor Booths

1st Floor

International Society of Electrochemistry
Chemin du Closelet 2
1006 Lausanne
Switzerland

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Program of the

41st Topical Meeting of the International Society of Electrochemistry

7 - 10 June 2026

Belgrade, Serbia

Corrosion and surface modification at the forefront of 21st century green electrochemistry processes and technology

Organized by:

Division 4 *- Electrochemical Materials Science*

Division 5 *- Electrochemical Process Engineering and Technology*

ISE Region Serbia

Organizing Committee

Jelena Bajat (Co-Chair),
Faculty of Technology and Metallurgy, University of Belgrade, Serbia

Gavrilo Šekularac (Co-Chair),
Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Serbia

Đenđi Vaštag (Co-Chair),
Faculty of Sciences, University of Novi Sad, Serbia

Maria Carmen Pérez, *University of Vigo, Spain, D4 representative*

Isao Shitanda, *Tokyo University of Sciences, Japan, D4 representative*

Tanja-Vidakovic Koch, *Max Planck Institute for Dynamics of Complex Technical Systems, Magdeburg, Germany, D5 representative*

Marina Becker, *Clausthal University of Technology, Germany, D5 representative*

Local Organizing Committee

Aleksandar Dekanski, *Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Serbia*

Nevenka Elezović, *Institute for Multidiscplinary Research, University of Belgrade, Serbia*

Mila Krstajić Pajić, *Faculty of Technology and Metallurgy, University of Belgrade, Serbia*

Rastko Vasilić, *Faculty of Physics, University of Belgrade, Serbia*

Ivana Perović, *Institute for Nuclear Sciences, University of Belgrade, Serbia*

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Conference Schedule ..... Back cover

Sunday 7 June 2026

Guided Tour Visit *https://tesla-museum.org/en/home/*

Nikola Tesla Museum

16:45 to 17:45 - Visit the Nikola Tesla Museum, a 10-15-minute walk from the venue. A guided English tour for up to 50 visitors. **500 dinars** (4.20 €) / person. Student volunteers will escort interested attendees from in front of the conference venue at **16:30 !**

Participant Registration

ISE Desk: Faculty of Civil Engineering: 1st Floor: Ceremonial Hall

17:30 to 19:00 - Registration desk

Opening Ceremony

1st Floor: Ceremonial Hall

19:00 to 19:20 - *Inauguration by **Nevenka Elezovic** (ISE RR for Serbia) and **Jelena Bajat***

Keynote

1st Floor: Ceremonial Hall

Chaired by: Jelena Bajat

19:20 to 20:00 Keynote

Stanko Brankovic *(ECE, University of Houston, Houston, USA)*

Electrochemical Synthesis of Functional Coatings for Corrosion Protection and Prevention of Hydrogen Embrittlement

Welcome Reception

*Sponsored by **Metrohm Electrochemistry***

1st Floor: Main Hall

20:00 to 21:30

Tuesday 9 June 2026

Gala Dinner

*Sponsored by **Metrohm Electrochemistry***

Restaurant Club Easy

20:00 - Bus pick-up at **19:30** in front of the venue; return drop-off after dinner.

Oral Presentations

Monday 8 June 2026 - Morning

Keynote

Room : Ceremonial Hall

Chaired by Milica Vujković, Sotiris Sotiropoulos, Gavrilo Šekularac

09:00 to 09:40 ***Keynote***

Nick Birbilis *(Faculty of Science, Engineering and Built Environment, Deakin University, Waurn Ponds, Australia)*

A closer look at the corrosion of multi principal element alloys

S1a - Innovations in Surface Engineering for Enhanced Corrosion and Wear Resistance

Room : Hall 113

Chaired by Wei-Nien Su, Andraž Legat

09:50 to 10:20 ***Invited***

Philippe Marcus *(Institut de Recherche de Chimie Paris/PCS, PSL University, Chimie ParisTech-CNRS, Paris, France)*

Surface Modifications of Metals and Corrosion Resistance: Tailored Surface Oxide Films and Adsorbed Layers of Organic Molecules

10:20 to 10:40

Tadeja Kosec *(Department of Materials, Slovenian National Building and civil engineering Institute, Ljubljana, Slovenia)*, Klara Prijatelj

Electrochemical and Spectroscopic Investigation of Copper and Pre-Oxidized Copper in 0.2 M NaCl with Sulfide Ions

10:40 to 11:00

Coffee Break

Chaired by Ingrid Milošev, Ying Li

11:00 to 11:20

Richard Webster *(School of Chemistry, Chemical Engineering & Biotechnology, Nanyang Technological University, Singapore, Singapore)*, Kendric Lim

Electrochemically Activated Adhesives

11:20 to 11:40

Jaroslaw Wojciechowski *(Chemical Technology, Poznan University of Technology, Poznan, Poland)*, Grzegorz Lota, Kacper Tokarek

Composite coating with remarkable anticorrosive properties

11:40 to 12:00

Vasil Karastoyanov *(Physical Chemistry, UCTM, Sofia 1756, Bulgaria)*, Iva Betova, Martin Bojinov

Surface Modification with Zn to Enhance Passivity of Alloy 690 in Small Modular Reactor Primary Chemistry

12:00 to 12:20

Rebekka Maeß *(6.2, Bundesanstalt für Materialforschung und prüfung (BAM), Berlin, Germany)*, Loay Akmal Madbouly, Henry Crawley, Matthew Dickens, Matthias Dimper, Isabella Hancox, Angel Moreno Arcas, Ozlem Ozcan

Optimization of corrosion inhibitors for carbon steel using a machine-learning assisted high-throughput methodology

12:20 to 12:40

Boxin Wei *(Corrosion center, Institute of Metal Research Chinese Academy of Sciences, Shenyang, China)*, Cheng Sun, Jin Xu

Enhancing Microbial Corrosion Resistance of Copper via Laser Shock-Induced Surface Hardening and Microstructural Refinement

12:40 to 13:00

Francisco Martinez Baltodano *(Sustentabilidad de los Recursos Naturales y Energía, Cinvestav Unidad Saltillo, Ramos Arizpe, Mexico)*, Rosendo López-González, Gregorio Vargas-Gutiérrez

Green Single-Step Copper-Modified Oxynitrocarburisation of AISI 304 SS for Corrosion and Biofouling in Seawater

S2b - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

Room : Ceremonial Hall

Chaired by Milica Vujković, Sotiris Sotiropoulos, Gavrilo Šekularac

09:50 to 10:20 ***Invited***

Peter Strasser *(Department of Chemistry, Technische Universität Berlin, Berlin, Germany)*

The *molecular* "Oxo Wall" rule as a *solid material* design principle for active OER catalysts

10:20 to 10:40

Aleksandar Zeradjanin *(Scientific infrastructure - Electrochemistry group, Max Planck Institute for Chemical Energy Conversion, Mülheim an der Ruhr, Germany)*

Search for Stability Descriptors – Intriguing Aspects of Dissolution of Oxygen Evolution Electrocatalysts

10:40 to 11:00

Coffee Break

Chaired by Dušan Mladenović, Mila Krstajić

11:00 to 11:20

André Olean-Oliveira *(Electrochemistry for Energy Conversion, Max Planck Institute for Chemical Energy Conversion, Mülheim an der Ruhr, Germany)*, Viktor Čolić, Ulrich Hagemann, Mohaned Hammad, Adarsh Jain, Leon Müller, Ali Raza Khan, Doris Segets, Ioannis Spanos, Blaž Toplak, Hartmut Wiggers

Electrochemical Insights into the Investigation of Lanthanum-Based Perovskites for the Oxygen Evolution Reaction

11:20 to 11:40

Daniele Moraschini *(Department of Chemistry, Materials and Chemical Engineering, Politecnico di Milano, Milano, Italy)*, Plamen Atanassov, Pierangela Cristiani, Silvia Franz, Camille Roiron

IrO_2/Nb-doped TiO_2 electrodes by Plasma Electrolytic Oxidation: An alternative architecture for oxygen evolution reaction

11:40 to 12:00

Viktor Colic *(Electrochemistry for Energy Conversion, Max-Planck-Institute for Chemical Energy Conversion, Mülheim an der Ruhr, Germany)*, Ulrich Hagemann, Najeeb Hasnain, Adarsh Jain, Ricardo Martínez-Hincapié, André Olean-Oliveira, Doris Segets, Ioannis Spanos

Oxygen reduction on carbon electrodes – influence of surface structure, surface functional groups and alkali ions in the electrolyte

12:00 to 12:20

Karsten Heinz *(Applied Electrochemistry & Catalysis (ELCAT), University of Antwerp, Wilrijk, Belgium)*, Tom Breugelmans, Gerard Montserrat Sisó, Kevin van Daele

Structuring Ni electrodes for alkaline water electrolysis using Cathodic Corrosion

12:20 to 12:40

Igor Pašti *(Chair of Electrochemistry and Chemical Kinetics, University of Belgrade - Faculty of Physical Chemistry, Belgrade, Serbia)*, Zaharije Bošković, Ana Dobrota, Aleksandar Jovanović, Nikola Tričković

Enhancing Alkaline Hydrogen Evolution through Catalyst|Support Interface and Electrolyte Engineering

12:40 to 13:00

Viktoriia Shtefan *(Institute for Materials Chemistry, Leibniz Institute for Solid State and Materials Research Dre, Dresden, Germany)*, Annett Gebert, Ivan Kaban

Nanoporous HER cathodes via selective dealloying of novel Zr-Ni metallic glass systems

Monday 8 June 2026 - Afternoon

Keynote

Room : Ceremonial Hall

Chaired by Sanjin Gutić, Sanja Tepavčević

14:30 to 15:10 ***Keynote***

Vojislav Stamenkovic *(Chemical and Biomolecular Engineering, University of California, Irvine, Irvine, USA)*, Alasdair Fairhurst, Minki Jun, Chaewon Lim, Benjamin Ransom

The Design of Highly Active and Durable Electrocatalysts

S1a - Innovations in Surface Engineering for Enhanced Corrosion and Wear Resistance

Room : Hall 113

Chaired by Richard D. Webster, Halina Krawiec

15:20 to 15:50 ***Invited***

Andraž Legat *(Materials, ZAG, Ljubljana, Slovenia)*, Miha Hren, Tadeja Kosec, Simon Pavlič, Bojan Zajec

When Conventional Electrochemical Techniques are not Enough: Detection of Non-Stationary Corrosion Processes

15:50 to 16:10

Nina Gartner *(Department of Materials, Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia)*, Miha Hren, Tadeja Kosec, Andraž Legat

Electrochemical Response on Steel Corrosion in Alkali-Activated Systems: Contrasting Behavior in Pore Solutions and Porous Mortars

16:10 to 16:30

Coffee Break

Chaired by Vasil Karastoyanov, Boxin Wei

16:30 to 16:50

Wei-Nien Su *(Graduate Institute of Applied Science & Technology, National Taiwan University of Science & Technology, Taipei, Taiwan)*, Bing Joe Hwang, Yosef Nikodimos, Kassie Nigus Shitaw, Teshager Mekonnen Tekaligne, Misganaw Adigo Weret

Corrosion Mechanisms in Coin Cells and Aluminum Collectors: Implications for Reliable Battery Performance

16:50 to 17:10

Tanja Vidakovic-Koch *(Electrochemical Energy Conversion, Max Planck Institute für Dynamik komplexer technischer Syste, Magdeburg, Germany)*

Emerging Methods for Evaluating Intrinsic Degradation: A Case Study of Polymer Electrolyte Water Electrolysis

S2b - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

Room : Hall 113

17:10 to 17:30

Jordan Iliev *(Hydrogen Energy Systems, Institute of Electrochemistry and Energy Systems, Sofia, Bulgaria)*, Galin Borisov, Dimitar Boychev, Evelina Slavcheva

Stability Enhancement of PEM Electrolysis via Optimized Pulse-Potential Operation

S2a - Innovative Surface Modification Approaches for High-Performance Energy Storage Devices

Room : Hall 113

17:30 to 17:50

Davide Pupillo *(Institute for Advanced Energy Technologies, CNR-ITAE, Institute for Advanced Energy Technologies "Nicola Giordano", Messina, Italy)*, Orazio Barbera, Giosuè Giacoppo, Monica Santamaria, Martina Totaro, Andrea Zaffora

Corrosion Behavior of LPBF-Manufactured Stainless Steel Bipolar Plates in PEM Fuel Cell Environments

17:50 to 18:10

Monika Derkowska *(Chemical Technology, Poznan University of Technology, Poznań, Poland)*, Grzegorz Lota, Jarosław Wojciechowski

Corrosion of Current Collectors in Electrochemical Capacitors

S2b - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

Room : Ceremonial Hall

Chaired by Chaired by Sanjin Gutić, Sanja Tepavčević

15:20 to 15:50 ***Invited***

Sotiris Sotiropoulos *(Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece)* Effrosyni Mitrousi, Aikaterini Touni, Ioanna Kiourtsi, Ioannis Thanopoulos, Ioannis Kostopoulos, Angeliki Banti

Galvanic Replacement as a Route to Cost Effective Electrocatalysts

15:50 to 16:10

Nejc Hodnik *(Department of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia)*

Dissolution–Redeposition as a Universal Restructuring Mechanism Across Metal Electrocatalysts

16:10 to 16:30

Coffee Break

Chaired by Nevenka Elezović, Viktoriia Shtefan

16:30 to 16:50

Dexiang Chen *(Key Laboratory of Quantum Materials and Devices of Ministry of Education, School of Physics, Southeast University, Nanjing, P.R. China),* Guoqun Li,Qi Hao

Revealing Potential-Dependent Copper Reconstruction Mechanisms by Operando Spectroscopy

16:50 to 17:10

Toshimasa Wadayama *(Graduate School of Environmental Studies, Tohoku University, Sendai, Japan)*

Electrochemical Dealloying of Pt-Cr-Mn-Fe-Co-Ni/Pt(111) High-entropy Alloy Thin Film Electrode: Nanoporous Pt Layer Generation

17:10 to 17:30

Jelena Gojgic *(Department of Materials Science, Institute for Multidisciplinary Research, Belgrade, Serbia)*, Marjan Bele, Christian I. Bernäcker, Lazar Bijelić, Nejc Hodnik, Vladimir D. Jović, Mila N. Krstajić Pajić, Uroš Lačnjevac, Thomas Rauscher, Milutin Smiljanić, Rastko Vasilić, Milena Šetka

Role of Sn in Co-Sn Alloys: Enhanced Intrinsic Activity or Increased Accessible Surface Area?

17:30 to 17:50

Henrique Araújo *(Chemical Engineering, Instituto Superior Técnico - University of Lisbon, Lisboa, Portugal)*, Ênio Deus, Santino Melo, Diogo Santos

Chitosan-based Membranes as Separators for Conventional Alkaline Water Electrolysis

17:50 to 18:10

Padinjarethil Vishnu *(Chemical Engineering, Indian Institute of Science Education And Research Bhopal, Bhopal, India)*, Mahesh Ijjada, Ravi Sankannavar, Manoj Kumar Tripathi

Development of Membrane-Free and Decoupled Flow Water Electrolyzer with Convergent Electrolytes for Impure Water Electrolysis

Tuesday 9 June 2026 - Morning

Keynote

Room : Ceremonial Hall

Chaired by Philippe Marcus, Tadeja Kosec

09:00 to 09:40 ***Keynote***

Ingrid Milošev *(Department of Physical and Organic Chemistry, Jožef Stefan Institute, Ljubljana, Slovenia)*

Antibacterial Titanium–Copper Alloys Developed via Additive Manufacturing

S1a - Innovations in Surface Engineering for Enhanced Corrosion and Wear Resistance

Room : Hall 113

Chaired by Philippe Marcus, Tadeja Kosec

09:50 to 10:20 ***Invited***

Mikhail Zheludkevich *(Institute of Surface Science, Helmholtz-Zentrum Hereon, Geesthacht, Germany)* T. Shulha, M. Serdechnova, B. Vaghefinazari, C. Blawert, S. V. Lamaka

Active Conversion Post-Treatments for Peo Coatings

10:20 to 10:40

Kristina Mojsilović *(Applied Physics, Faculty of Physics, University of Belgrade, Belgrade, Serbia)*, Carsten Blawert, Valeryia Kasneryk, Maria Serdechnova, Rastko Vasilić, D.C. Florian Wieland, Zhe Zhang, Mikhail L. Zheludkevich

Tuning Plasma Electrolytic Oxidation with Metallic Cations: Unipolar vs. Bipolar Electrical Regime

10:40 to 11:00

Coffee Break

Chaired by M. L. Zheludkevich, Gyöngyi Vastag

11:00 to 11:20

Agata Kolkowska *(Department of Inorganic Chemistry, Analytical Chemistry, Silesian University of Technology, Gliwice, Poland)*, Magdalena Antonowicz-Hupsch, Mateusz Dulski, Joanna Michalska-Serwin, Aleksander Olesinski, Wojciech Simka, Maciej Sowa, Marta Wala-Kapica, Karolina Wilk

Development of TiO_2-Modified PEO Coatings on Aluminum

11:20 to 11:40

Halina Krawiec *(Department of Chemistry and Corrosion of Metals, AGH University of Krakow, Krakow, Poland)*, Maria Starowicz

Chitosan-Based Coatings for Corrosion Protection of Biodegradable Magnesium Alloys in Hank's Solution

11:40 to 12:00

Chenyang Xie *(Department of Physical and Organic Chemistry, Jožef Stefan Institute, Ljubljana, Slovenia)*, Yaojun Hou, Ingrid Milošev, Kevin Ogle

Corrosion and Dissolution Behavior of 3D-printed Ti6Al4V-*x*Cu Alloys in H_2O_2-containing Hanks' Solution

12:00 to 12:20

Denis Sačer *(Department of Physical and Organic Chemistry, Institute "Jozef Stefan", Ljubljana, Slovenia)*, Ana Kraš, Ingrid Milošev

TiO_2 Nanotube Formation on Additively Manufactured Ti–6Al–4V Alloys: Effects of Microstructure and Cu Addition

12:20 to 12:40

Helena Biljanic *(Dept. of Materials Chemistry, Ruder Boskovic Institute, Zagreb, Croatia)*, Katarina Marusic, James McFarlane Hoad, Eva Roblegg, Atida Selmani

Biocompatible Radiation Crosslinked Nanocoatings for Corrosion-Resistant Stainless Steel Implants

12:40 to 13:00

Ying Li *(corrosion center, Institute of Metal Research, Chinese Academy of Science, Shenyang, China)*, Shiyao Du, Ao Tang, Hui Yan

Enhanced mechanical properties and barrier performance of nanosilica-filled silicone rubber coating for implantable electronic devices performance

S2b - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

Room : Hall 225

Chaired by Marijana Kraljić Roković, Nejc Hodnik

09:50 to 10:20 ***Invited***

Dušan Strmčnik *(Deparment of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia)*, Sašo Džeroski, Pedro Farinazzo Bergamo Dias Martins, Matjaž Finšgar, Boštjan Genorio, Matej Huš, Dževad Kozlica, Anja Logar, Milena Martins, Maris Mathew, Martin Perčinić, Ožbej Vodeb

When Nickel "Changes Its Mind": Surface Phases, Measurement Artifacts, and Active-Site Fingerprints in Alkaline HER

S2a - Innovative Surface Modification Approaches for High-Performance Energy Storage Devices

Room : Hall 225

Chaired by Marijana Kraljić Roković, Nejc Hodnik

10:20 to 10:40

Murilo Santhiago *(Brazilian Nanotechnology National Laboratory, Brazilian Center for Research in Energy and Materials, Campinas, Brazil)*, Jefferson Bettini, Matheus F. F. das Neves, Leonardo H. Hasimoto, Tarcísio M. Perfecto, Alisson R. Cadore, Edson R. Leite

Precise Defect Engineering of Molybdenum Disulfide for Hydrogen Evolution Reaction

10:40 to 11:00 ***Coffee Break***

Chaired by Jelena Gojgić, Viktor Čolić

11:00-11:20

Aleksandra Roganović *(ElevenEs, Tolminska 35, Subotica, Serbia)*

ElvenEs: A New Era of Chemical Excellence

11:20 to 11:40

Shi-Gang Sun *(Chemistry Department, Xiamen University, Xiamen, China)*

In-situ/Operando Spectroscopic Studies of Surface/Interface processes Involved in Electrochemical Energy Devices

11:40 to 12:00

Sanjin Gutić *(Department of Chemistry, University of Sarajevo - Faculty of Science, Sarajevo, Bosnia and Herzegowina)*, Halid Drobo, Dalibor Karačić, Jovana Macan, Amina Pečenković, Harun Zubčević

Engineering Metal@Graphene Interfaces through Localized Electrochemical Control – Formation, Modification and Characterization

12:00 to 12:20

Igor Zhitomirsky *(Materials Science and Engineering, McMaster University, Hamilton, Canada)*

Surface Modification Approaches for High-Performance Supercapacitors for Energy Storage

12:20 to 12:40

Konstantin Borodianskiy *(Chemical Engineering, Ariel University, Ariel, Israel)*, Ilia Rozenblium, Yuliy Yuferov

Nano-architectured Electrolyte Nanocomposites for High-Efficiency Ceramic Energy Systems

12:40 to 13:00

Ntuthuko Wonderboy Hlongwa *(Institute for nanotechnology and water sustainability, University of South Africa, Johannesburg, South Africa)*, Xolile Fuku, Moshawe Jack Madito, Bernard Allembeke Phiri

Design of Manganese Dioxide Nanocomposite for High-Performance Hybrid Supercapacitor

Tuesday 9 June 2026 - Afternoon

Keynote

Room : Ceremonial Hall

Chaired by Gyözö G. Láng, Yuliya E. Silina

14:30 to 15:10 ***Keynote***

Neso Sojic *(ISM, University of Bordeaux, Pessac, France)*

New Mechanistic Pathways and the Role of Electrode Material for the Enhancement of Electrochemiluminescence Biosensing

S1b - Advancements in (Bio)Electrochemical Sensing: Surface Engineering for Enhanced Sensitivity, Selectivity, and Luminescence-Based Detection

Room : Hall 113

Chaired by Gyözö G. Láng, Yuliya E. Silina

15:20 to 15:50 ***Invited***

Priscilla Baker *(Chemistry, University of the Western Cape, Bellville, South Africa)*, Alenzo Murray, Clementine Louw

Integrated nanostructured sensor systems for the early detection of cardiac troponin I, a heart disease biomarker

15:50 to 16:10

Natalia Ormeño Cano *(ICRA, Catalan Institute for Water Research, Catalan Institute for Water Research, Girona, Spain)*, Carles Borrego, Jelena Radjenovic

Electrochemical degradation of persistent pollutants using S-functionalized graphene sponge electrodes

16:10 to 16:30

Coffee Break

Chaired by Priscilla G. L. Baker, Dalibor Stanković

16:30 to 16:50

Yuliya Silina *(Biochemistry, Saarland University, Saarbrücken, Germany)*

Organohydrazines as signaling electroactive secondary metabolites of yeast cells

16:50 to 17:10

Angela Maria Stortini *(Molecular Sciences and Nanosystems, Ca' Foscari University of Venice, Venice, Italy)*, Erika Bustos Bustos, Salvatore Daniele, Lorena Gobbo, Laura Lupita Martinez Rodriguez, Juan Rocha, Chiara Zanardi

Liquid Crystal-Templated Silver Electrodeposits for the Electrochemical Detection of Haloacetic Acids

17:10 to 17:30

Győző G. Láng *(Institute of Chemistry, Eötvös Loránd University, Budapest, Hungary)*, Eva Fekete, Abel Zsubrits

Investigation of the Temperature Dependence of the Transpassive Dissolution of Iron Using Dual Dynamic Voltammetry (DDV)

17:30 to 17:50

Stefan Popovic *(electrochemical sensors, FaradaIC sensors, Belgrade, Serbia)*, Maksim Bahdanchyk, Ryan Guterman, Alexey Yakushenko

FaradaIC Sensors: A Novel Approach to Miniaturized Electrochemical CO_2 Gas Sensors

S2a - Innovative Surface Modification Approaches for High-Performance Energy Storage Devices

Room : Hall 225

Chaired by Igor Pašti, Daliang Han

15:20 to 15:50 ***Invited***

Dominic Bresser *(Helmholtz Institute Ulm (HIU), Karlsruhe Institute of Technology (KIT), Ulm, Germany)*

Advancing Lithium Metal Deposition via Tailored Negative Electrode Surfaces and Interphases

15:50 to 16:10

Sanja Tepavcevic *(Materials Science Division, Argonne National Laboratory, Lemont, USA)* Meghan Burns, Musawenkosi K. Ncube, Dan McElheny, Michael Counihan, Larry A. Curtiss, Anh T. Ngo, Jordi Cabana

Effect of Nanoparticle Surface Modification on Lithium-Ion Transport in Composite Polymer Electrolytes

16:10 to 16:30 ***Coffee Break***

Chaired by Aleksandar Žerađanin, Biljana Šljukić

16:30 to 16:50

Sergi Gadea *(Degradation Mechanisms Group, CICenergiGUNE, Vitoria, Spain)*, Julen Castillo, Rosalia Cid, Lorenzo Fallarino, Juan Miguel López del Amo, Jokin Rikarte, Idoia Ruiz de Larramendi, Alexander Santiago, Aitor Villaverde

Interface Engineering in Lithium Metal Batteries: Substrate Effects from Ultrathin Lithium Metal Anodes to Anode-Free Architecture

16:50 to 17:10

Bing Joe Hwang *(Chemical Engineering, National Taiwan University of Science and Technology, Taipei, Taiwan)*, Bing Joe Hwang

Interface Engineering for Anode-Free Batteries

17:10 to 17:30

Grgur Mihalinec *(Department of Electrochemistry, Faculty of Chemical Engineering and Technology, Zagreb, Croatia)* Hrvoje Tašner, Elizabeta Forjan, Barbara Štiglec, Ivona Krznar, Zoran Mandić

Impact of Calendaring on Electrochemical Performance of NMC Electrodes in Lithium-Ion Batteries

17:30 to 17:50

Hrvoje Tašner *(Faculty of Chemical Engineering and Technology, University of Zagreb, Zagreb, Croatia)*, Nika Arambašić, Rahela Bilić, Iva Kulušić, Zoran Mandić, Grgur Mihalinec

Study on Effects of Dispersants on Slurry Rheology and Microstructure of NMC Electrodes for Lithium-ion Batteries

17:50 to 18:10

Dimitar Boychev *(IEES, BAS, Sofia, Bulgaria)*, Blagoy Burdin, Daria Vladikova

Dynamic Characteristics of a Battery Emulator

Wednesday 10 June 2026 - Morning

Keynote

Room : Ceremonial Hall

Chaired by Vojislav Stamenkovic, Dominic Bresser

09:00 to 09:40 ***Keynote***

Biljana Šljukić *(Faculty of Physical Chemistry, University of Belgrade, Belgrade, Serbia)*, Ayşe Bayrakçeken, Jadranka Milikić, Dušan Mladenović, Kristina Radinović, Meryem Samancı, Diogo M.F. Santos, David Tomić

From Pore to Performance: Pathway to High-Performance Carbon Aerogels for Energy Applications

S2a - Innovative Surface Modification Approaches for High-Performance Energy Storage Devices

Room : Ceremonial Hall

Chaired by Vojislav Stamenkovic, Dominic Bresser

09:50 to 10:20 ***Invited***

Marijana Kraljic Rokovic *(University of Zagreb Faculty of Chem Eng and Technology, University of Zagreb, Zagreb, Croatia)*, Aleksandra Dimitrijevic, Grgur Mihalinec, Dajana Mikic, Iva Movre Sapic, Floren Radovanovic Peric, Nikola Zdolsek

Zn-Ion Batteries Improved by Ionic Liquid Additives

10:20 to 10:40

Yulong Wu *(Institute of Surface Science, Helmholtz-Zentrum Hereon, Geesthacht, Germany)*, Daniel Höche, Sviatlana Lamaka, Darya Snihirova, Bahram Vaghefinazari, Linqian Wang, Cheng Wang, Wen Xu, Mikhail Zheludkevich

Designing Binary Electrolyte Additive Mixtures for Achieving High-Performance Aqueous Magnesium-Air Batteries

10:40 to 11:00

Coffee Break

Chaired by Neso Sojic, Angela M. Stortini

11:00 to 11:20

Milica Vujković *(Electrochemistry, University of Belgrade - Faculty of Physical Chemistry, Belgrade, Serbia)*, Robert Dominko, Matej Gabrijelčić, Darko Hanžel, Alen Vižintin

Sodium-Deficient $Na_{3.1}Fe_3(PO_4)_2P_2O_7$ Polyanion as High-Capacity Sodium-ion Battery Cathode

11:20 to 11:40

João F. G. Rodrigues *(Department of Chemical Engineering, Instituto Superior Técnico - Universidade de Lisboa, Lisbon, Portugal)*, Dulce Belo, Sara G. Fava, Diogo M. F. Santos, Sandra Rabaça, Biljana Šljukić

Metal bisdithiolates as electrode materials for next-generation aqueous batteries

11:40 to 12:00

Emerson Gonçalves *(Materials Division, Institute of Aeronautics and Space, São José dos Campos, Brazil)*, Milena Arruda, Geovana Rocha, Clarice Vieira

Water-in-salt electrolytes as a strategy to recover the electrochemical performance of aged $Nb_4C_3T_x$ MXene

12:00 to 12:20

Ermo Leuska *(Institute of Chemistry, University of Tartu, Tartu, Estonia)*, Piret Pikma, Liis Siinor

Formation of Porphyrin Adlayer on Glassy Carbon Electrode Surface from Ionic Liquid Media

S1b - Advancements in (Bio)Electrochemical Sensing: Surface Engineering for Enhanced Sensitivity, Selectivity, and Luminescence-Based Detection

Room : Ceremonial Hall

Chaired by Neso Sojic, Angela M. Stortini

12:20 to 12:50 ***Invited***

Dalibor Stanković *(Department of Analytical chemistry, University of Belgrade - Faculty of chemistry, Belgrade, Serbia)*, Sladjana Djurdjić, Aleksandar Mijajlović, Tijana Mutić, Vesna Stanković, Filip Vlahović

Electrochemistry at the Fingertips: Glove-Based Screen-Printed Flexible Nanocomposite Electrodes for Wearable Sensing of Pesticides

12:50 to 13:10

Egor Andreev *(Chemistry faculty, M.V. Lomonosov Moscow State University, Moscow, Russia)*, Anastasia Alekseeva, Vadim Tverdokhlebov

Chemical-free Sweating Induction for Electrochemical (Bio)sensing in Wearables.

S2b - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

Room : Ceremonial Hall

Chaired by Neso Sojic, Angela M. Stortini

13:10 to 13:30

Andrea Fiorani *(Department of Chemistry "Giacomo Ciamician", University of Bologna, Bologna, Italy)*, Yasuaki Einaga, Satoru Kuramochi, Francesco Paolucci, Yusuke Tatsumi, Giovanni Valenti

Electrosynthesis of Hydrogen Peroxide and Ammonia with Boron-Doped Diamond Electrodes

Closing Ceremony

Room : Ceremonial Hall

13:30 to 13:45

Fond Farewell by ***Gavrilo Šekularac***

Poster Presentations

Monday, **8 June**

Main halls - 1st & 2nd floors

18:10-19:10 ***All symposia***

Sponsored by ***Metrohm Electrochemistry***

S1a - Innovations in Surface Engineering for Enhanced Corrosion and Wear Resistance

S1a-001

Jelena Bajat *(Physical Chemistry and Electrochemistry, University of Belgrade, Belgrade, Serbia)*, Mihajlo Etinski, Aleksandra Mijatović, Branislav Milovanović, Anđela Simović, Marija Vesković

Theoretical Calculations for Predicting the Corrosion Stability of Zn-based Composite Protective Coatings

S1a-002

Katarina Božić *(Department of Electrochemistry, Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia)*, Vladimir Panić, Marijana Pantović Pavlović, Miroslav Pavlović, Đorđe Veljović

Revelation of the Corrosion Parameters of Composite Coatings on Ti Implants in Physiological Environment

S1a-003

Maciej Gdala *(Inorganic Chemistry, Analytical Chemistry and Electrochemistry, Silesian University of Technology, Gliwice, Poland)*, Maciej Bik, Agata Blacha-Grzechnik, Łukasz Gardas, Wojciech Simka, Maciej Sowa, Marta Wala-Kapica

Evaluation of the Corrosion Performance of Copper-Zinc and -Nickel Alloys Treated by Plasma Electrolytic Oxidation Technology

S1a-004

Veljko Grgic *(Faculty of Technology and Metallurgy, University of Belgrade, Serbia, Karnegijeva 4, Belgrade, Serbia)*, Jelena Bajat

High-current-density bright zinc deposition enabled by ethoxylated thiodiglycol-based brightener (Cinkogal BS-56) in acidic electrolytes.

S1a-005

Agata Kolkowska *(Department of Inorganic Chemistry, Analytical Chemistry, Silesian University of Technology, Gliwice, Poland)*, Magdalena Antonowicz-Hupsch, Mateusz Dulski, Joanna Michalska-Serwin, Aleksander Olesinski, Wojciech Simka, Maciej Sowa, Marta Wala-Kapica, Karolina Wilk

Influence of Plasma Electrolytic Oxidation Parameters on the Properties of Porous TiO_2-Based Coatings

S1a-006

Artur Maciej *(Faculty of Chemistry, Silesian University of Technology, Gliwice, Poland)*, Julia Lisoń-Kubica, Maciej Sowa

Electrochemical corrosion studies of ALD-deposited SnO_2 coatings on biomedical Ti13Nb13Zr alloy

S1a-007

Joanna Michalska-Serwin *(Dept. of Inorganic Chemistry, Analytical Chemistry & Silesian University of Technology, Gliwice, Poland)* Magdalena Marny, Magdalena Antonowicz-Hupsch, Roman Viter, Roman Pshenychny, Krzysztof Rokosz

In-situ Incorporation of ZnO Particles into Oxide Coatings during Plasma Electrolytic Oxidation of Titanium

S1a-008

Vesna Miskovic-Stankovic *(Faculty of Ecology and Environmental Protection, University Union-Nikola Tesla, Belgrade, Serbia)*, Marija Djosic, Ana Jankovic, Vesna Miskovic-Stankovic, Milena Stevanovic

Electrochemical Insights into Biomineralization of EPD Bioceramic Composite Coatings on Titanium

S1a-009

Denis Sačer *(Department of Physical and Organic Chemistry, Institute "Jozef Stefan", Ljubljana, Slovenia)*, Marija Djošić, Ana Janković, Barbara Kapun, Ana Kraš, Ingrid Milošev, Vesna Mišković-Stanković, Milena Stevanović

Electrochemical Stability of Gentamicin-Containing HAP/PVA/ Chitosan Coatings on Titanium

S1a-010

Andjela Simovic *(Department of electrochemistry, Institute of Chemistry Technology and Metallurgy, Belgrade, Serbia)*, Jelena Bajat, Pedja Janackovic, Jelica Novakovic

Evaluation of White Pine Essential Oil as an Eco-Friendly Inhibitor for Steel Protection

S1a-011

Simona Varvara *(Department of Cadastre, Civil and Environmental Engineering, "1 Decembrie 1918" University of Alba Iulia, Alba Iulia, Romania)*, Camelia Berghian-Grosan, Roxana Bostan

Mitigating Copper Corrosion in 3.5 wt.% NaCl Solution: A Complex Electrochemical, Theoretical, and Surface Analysis Study Performed on Two Oxadiazole Derivatives

S1a-012

Gyöngyi (Đenđi) Vastag *(Dept. of Chemistry, Biochemistry & Environmental Protection, University of Novi Sad, Faculty of Sciences, Novi Sad, Serbia)* Matjaž Balant, Peter Majerič, Rebeka Rudolf

Comparative Electrochemical Corrosion Analysis of MIG and Laser Hybrid Welded Al-Alloy EN AW-5454-D

S1a-013

Gavrilo Šekularac *(Department of Electrochemistry, Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia)*, Janez Kovač, Ingrid Milošev

Effect of Surface Pretreatments on the Composition, Microstructure, and Corrosion Behavior of Zirconium Conversion Coatings Formed on AA7075-T6 and AA2024-T3

S1a-014

Nebojša Vasiljević *(University of East Sarajevo, Faculty of Technology Zvornik, Zvornik, Republic of Srpska, Bosnia and Herzegovina)*, Marija Mitrović, Jelena Bajat, Regina Fuchs Godec, Časlav Lačnjevac, Milorad Tomić

A Green Approach to Steel Corrosion Control in HCl Using Thymus serpillum Extract

S1a-015

Nebojša Vasiljević *(University of East Sarajevo, Faculty of Technology Zvornik, Zvornik, Republic of Srpska, Bosnia and Herzegovina)*, M. Mitrović, M. Tomić, R. Fuchs–Godec

Corrosion Inhibition Performance of [BMIM][Tf_2N] on Stainless Steel in Highly Aggressive Media

S1b - Advancements in (Bio)Electrochemical Sensing: Surface Engineering for Enhanced Sensitivity, Selectivity, and Luminescence-Based Detection

S1b-001

Maksimiljan Dekleva *(Department of Analytical Chemistry, Faculty of Chemistry and Chemical Technology, UL, Ljubljana, Slovenia)*, Gregor Marolt

Alternative Approaches in Surface Modification for Electrochemical Detection of Emerging Organic Pollutants

S1b-002

Ana Kuprešanin *(Center for Sensing Technologies, BioSense Institute, Novi Sad, Serbia)*, Zoran Pavlović

Nanomaterial-Assisted DNA Probe Immobilization Strategies for Electrochemical DNA Biosensors

S1b-003

Aleksandar Mijajlovic *(Department of Analytical Chemistry, Faculty of Chemistry, University of Belgrade, Beograd, Serbia)*, Slađana Đurđić, Petar Ristivojević, Nikolaos Argirusis, Georgia Sourkouni, Christos Argirusis, Jasmina Vidić, Dalibor Stanković

Development of a novel label-free electrochemical aptasensor for the detection of Bacillus cereus spores using rGO/La_2O_3-modified SPCE

S1b-004

Tijana Mutić *(Department of Analytical Chemistry, University of Belgrade, ICTM, Belgrade, Serbia)*, Slađana Durðiæ, Aleksandar Mijajlović, Miloš Ognjanović, Lazar Rakočević, Vesna Stanković, Dalibor Stanković

One-pot Hydrothermal Synthesis of Praseodymium Oxide@MWCNT Nanocomposite for Sensitive Electrochemical Detection of Carbendazim

S1b-005

Dalibor Stanković *(Dept. of Analytical Chemistry, Univ. of Belgrade - Fac. of Chemistry, Belgrade, Serbia)*, Vassilios Binas, Sladjana Djurdjić, Aleksandar Mijajlović, Tijana Mutić, Vesna Stanković, Filip Vlahović, Maria Zografaki

An Electrochemical Sensor Based on Co-functionalized Graphitic Carbon Nitride Nanosheets for Honokiol Detection

S1b-006

Jelena Tomic *(Department of Chemistry, University of Novi Sad, Faculty of Sciences, Novi Sad, Serbia)*, Slavica Mitrovic Ana Kupresanin

Optimization of a Voltammetric Method for Lead Determination Using Graphene/Ionic Liquid/Nafion/Bismuth-Modified Carbon Electrodes

S2a - Innovative Surface Modification Approaches for High-Performance Energy Storage Devices

S2a-001

Ya-Ping Deng *(Department of Chemistry, Xiamen University, Xiamen, China)*, Shi-Gang Sun

Interpreting and Employing Reconstruction Chemistry in Battery Studies

S2a-002

Emerson Gonçalves *(Materials Division, Institute of Aeronautics and Space, São José dos Campos, Brazil)*, Milena Nakagawa de Arruda, Giovani Gomes Fernandes, Geovana Vilas Bôas da Rocha, Clarice Martins Vieira

Optimization of EEG/Graphite Aqueous Slurry as Anode in Energy Devices Application

S2a-003

Marijana Kraljic Rokovic *(University of Zagreb, Faculty of Chemical Engineering and Technology, Zagreb, Croatia)*, Augustin Brzic, Angela Kapitanović, Gabrijela Ljubek, Karla Stjepanović, Nikola Zdolsek

Electrochemical Characterization of Mxene Functionalized With Long Chain Phosphonic Acids

S2a-004

Stefan Mitrović *(Department of Physical Chemistry, Vinča Institute of Nuclear Sciences, Belgrade, Serbia)*, Snežana Brković, Jelena Georgijević, Bojan Janković, Petar Laušević, Ivana Perović, Milena Pijović Radovanocić

Electrolyte Effects on Corncob Derived Carbon Supercapacitors

S2a-005

Dušan Mladenović *(Electrochemistry, University of Belgrade - Faculty of Physical Chemistry, Belgrade, Serbia)*, Danica Bajuk-Bogdanović, Abdallah G. Mahmoud, Nevena Milutinović Merhi, Anup Paul, Kristina Radinović, Biljana Šljukić Paunković

Multifunctional Covalent Organic Frameworks for Oxygen Reduction and Energy Storage

S2a-006

Dušan Mladenović *(Electrochemistry, University of Belgrade - Faculty of Physical Chemistry, Belgrade, Serbia)*, Yasemin Aykut, Ayşe Bayrakçeken, Kristina Gočanin, Kristina Radinović, Diogo Santos, Biljana Šljukić Paunković

Green-Synthesized Biochar-Derived Carbon Materials for High-Performance Microsupercapacitors

S2a-007

Nebojša Nikolić *(Department of Electrochemistry, ICTM / University of Belgrade, Belgrade, Serbia)*, Jelena Lović, Nikola Vuković, Predrag Zivkoviæ

Morphological analysis of the processes on the zinc anode in Zn-based batteries

S2a-008

Darija Petković *(Physics, Vinča Institute of Nuclear Sciences, Belgrade, Serbia)*, Lucija Bučar, Hsin-Chia Ho, Sonja Jovanović, Zoran Jovanović, Janez Kovač, Matjaž Spreitzer, Damjan Vengust

Impact of STO Crystallinity and Interface Engineering on Charge Transfer and Photoelectrochemical Hydrogen Evolution on Si-Based Photocathode

S2a-009

Tamara Petrović *(Material Science and Electrochemistry, Faculty of Physical Chemistry - University of Belgrade, Belgrade, Serbia)*, Danica Bajuk-Bogdanović, Slavko Mentus, Miloš Milović, Milica Vasić, Milica Vujković

Structural Stability and Electrochemical Activity of ZnV_2O_6-dominated composite in aqueous Zn-ion system

S2a-010

Murilo Santhiago *(Brazilian Nanotechnology National Laboratory, Brazilian Center for Research in Energy and Materials, Campinas, Brazil)*, Rogério A.O. Storai, Jefferson Bettini, Matheus F. F. das Neves, Renan G. de Assis, Leonardo H. Hasimoto, Tarcísio M. Perfecto, Edson R. Leite

Microfabrication of Porous Graphite Electrodes: TEM Analysis of Molybdenum Disulfide for Energy Applications

S2a-011

Chuan-Wei Wang *(College of Energy, Xiamen University, Xiamen, China)*, Jun-Tao Li, Shi-Gang Sun, Chuan-Wei Wang, Chun-Hua Zhen, Yao Zhou

Surface Modification Approaches for Lithium-rich Mn-based Cathode Materials of Lithium-ion Battery

S2b - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

S2b-001

Jovana Bošnjaković *(Electrochemistry, Institute of Chemistry, Technology and Metallurgy, National, Belgrade, Serbia)*, Aljaž Drnovšek, Janez Kovač, Vladimir Panić, Rastko Vasilić, Gavrilo Šekularac

The Role of Catalytic Ink Solvents and Rinsing Protocols in Shaping the Structure and Activity of IrO_2–Ta_2O_5/Ti Anodes for the Oxygen Evolution Reaction

S2b-002

Nevenka Elezovic *(Department of Materials Science, University of Belgrade, Belgrade, Serbia)*, Vladimir Jovic, Aleksandar Petricevic

Accelerated Service Life Test for Cathodes in Chlor-alkali and Water Electrolysis

S2b-003

Nevenka Elezovic *(Department of Materials Science, University of Belgrade, Belgrade, Serbia)*, Vladimir Jovic, Mila Krstajic Pajic, Aleksandar Petricevic, Piotr Zabinski

Novel High-Performance Nickel-Based Composite Coatings for Green Hydrogen Production

S2b-004

Kristina Filipović *(Department of Chemistry, University of Niš, Faculty of Sciences and Mathematics, Niš, Serbia)*, Aleksandar Bojić, Jelena Mitrović, Milan Momčilović, Slobodan Najdanović, Milica Petrović, Miljana Radović Vučić, Nena Velinov Georgiev

Electrochemical Modification of the Graphite Anode by CeO_2 for Enhancing Electrooxidation Performance

S2b-005

Kristina Filipović *(Department of Chemistry, 1University of Niš, Faculty of Sciences and Mathematics, Niš, Serbia)*, Danijela Bojić, Aleksandar Bojić, Miloš Kostić, Slobodan Najdanović, Milica Petrović, Saša Rančev

Electrodeposition of Ni-doped ZnO Catalyst for Cold Atmospheric Pressure Corona Plasma Dye Degradation

S2b-006

Łukasz Gardas *(Faculty of Chemistry, Silesian University of Technology, Gliwice, Poland)*, Maciej Gdala, Maciej Sowa

Towards Greener Synthesis of Photocatalysts: Plasma Electrolytic Oxidation of Cu-Zn-Ni Alloy Materials

S2b-007

Jelena Gojgic *(Department of Materials Science, Institute for Multidisciplinary Research, Belgrade, Serbia)*, Mila N. Krstajić Pajić, Uroš Lačnjevac, Mihailo Milićev

Effect of Deposition Time on the Activity of Bimetallic Alloy Electrodes for Hydrogen Evolution

S2b-008

Mila Krstajić Pajić *(Department of Physical Chemistry and Electrochemistry, University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia)*, Slađana Đurđić, Nikita Denisov, Ana Dobrota, Uroš Lačnjevac, Dragan Manojlović, Anca Mazare, Igor Pašti, Patrik Schmuki, Natalia Skorodumova, Rastko Vasilić, Xin Zhou

Galvanic replacement formation of polydisperse Pt/Ru deposits on TiO_2 nanotube arrays for efficient hydrogen evolution electrocatalysis

S2b-009

Mila Krstajić Pajić *(Department of Physical Chemistry and Electrochemistry, University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia)*, Marjan Bele, Christian Bernäcker, Jelena Gojgić, Nejc Hodnik, Uroš Lačnjevac, Thomas Rauscher, Milutin Smiljanić

Surface Modification of Ni Substrates by Galvanostatic Electrodeposition: Electrocatalytic Applications

S2b-010

Stefan Mitrović *(Department of Physical Chemistry, Vinča Institute of Nuclear Sciences, Belgrade, Serbia)*, Snežana Brković, Petar Laušević, Igor A. Pašti, Ivana Perović, Mina Seović

Hydrogen Evolution at Polycrystalline Nickel in Alkaline Electrolytes

S2b-011

Nebojša Nikolić *(Department of Electrochemistry, ICTM / University of Belgrade, Belgrade, Serbia)*, Dragana Milošević, Sanja Stevanović, Dušan Tripković

Bimetallic PtM (M = Cu, Zn, Sn) Electrocatalysts: Tuning Activity and CO Tolerance for Methanol Electrooxidation Reaction

S2b-012

Aleksandar Petricevic *(Department of Materials Science, Institute for Multidisciplinary Research, Belgrade, Serbia)*, Nevenka Elezovic, Vladimir Jovic, Mila Krstajic Pajic, Piotr Zabinski

Low Pt Loading Catalyst on $(Nb\text{-}Ti)_2AlC$ Support for Hydrogen Oxidation Reaction

S2b-013

David Tomić *(Faculty of physical chemistry, University of Belgrade - Faculty of physical chemistry, Belgrade, Serbia)*, Ayşe Bayrakçeken, Jadranka Milikić, Kristina Radinović, Meryem Samanci, Diogo M.F. Santos, Biljana Šljukić

Interplay of Graphene-based Materials Structure and their Electrocatalytic Activity for Oxygen Reduction Reaction

Notes

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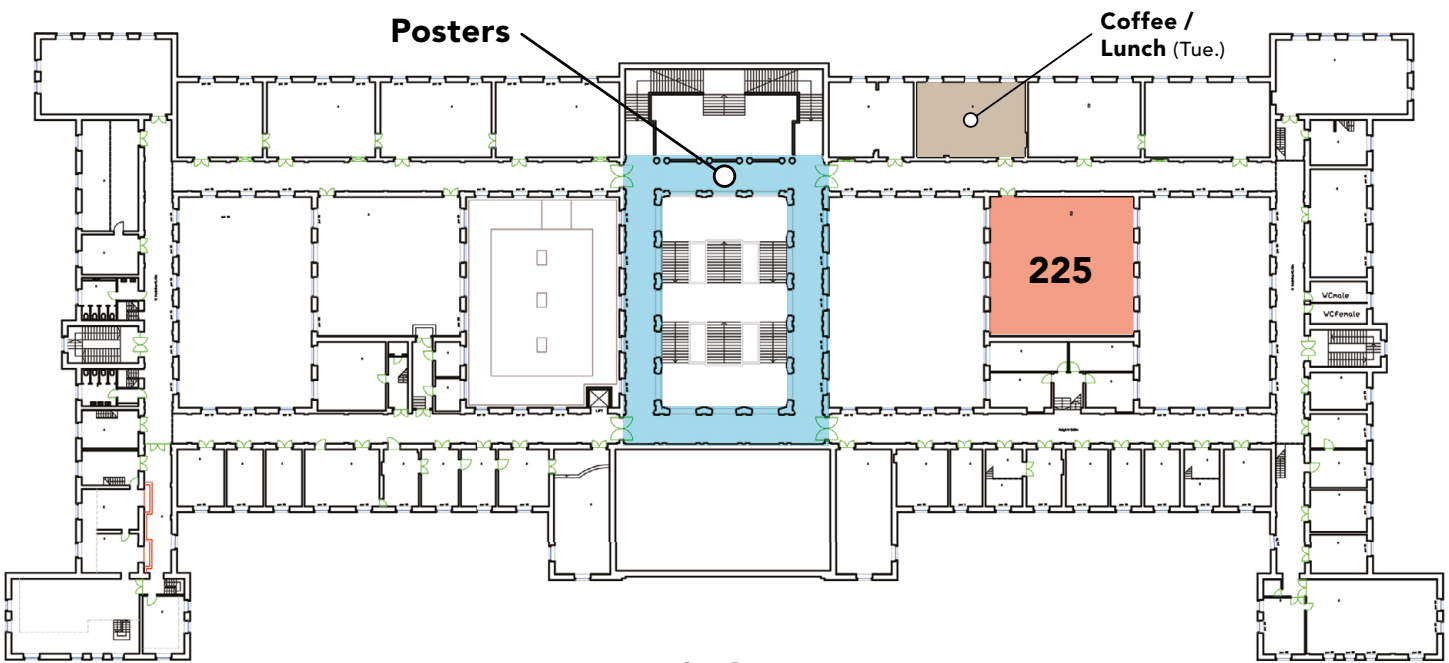
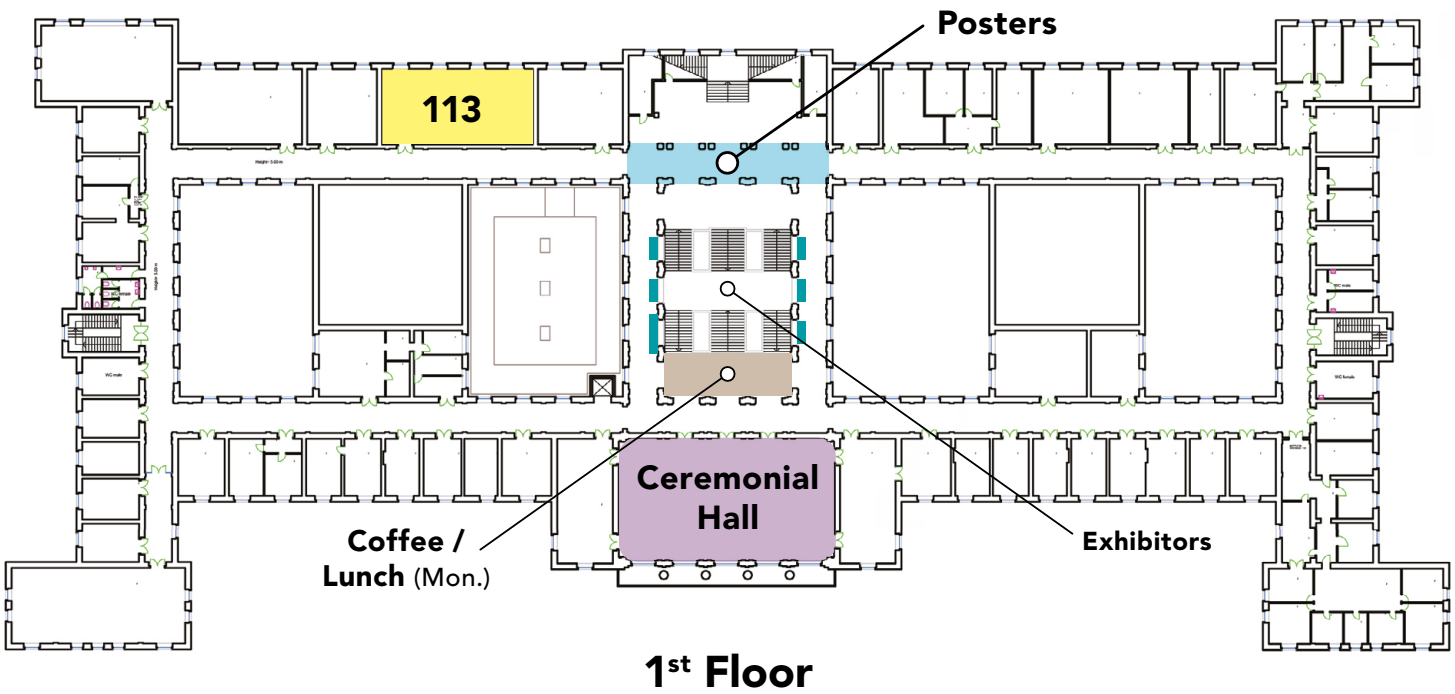
Conference Floor Plan



2nd Floor

Conference Floor Plan



41st Topical Meeting of the International Society of Electrochemistry

Conference Schedule 7 - 10 June 2026 - *Belgrade, Serbia*

Key to Symposia:

- **S1a** - Innovations in Surface Engineering for Enhanced Corrosion and Wear Resistance
- **S1b** - Advancements in (Bio)Electrochemical Sensing: Surface Engineering for Enhanced Sensitivity, Selectivity, and Luminescence-Based Detection
- **S2a** - Surface Modification Approaches for High-Performance Energy Storage Devices
- **S2b** - Tailoring Surfaces for Energy Harvesting through High-Efficiency Electrocatalysis

	SUNDAY 7 June	MONDAY 8 June		TUESDAY 9 June		WEDNESDAY 10 June
09:00 - 09:40		**Keynote** - Ceremonial Hall		**Keynote** - Ceremonial Hall		**Keynote** - Ceremonial Hall
Room		Hall 113	Ceremonial Hall	Hall 113	Hall 225	Ceremonial Hall
09:50 - 10:20		**S1a** - Invited	**S2b** - Invited	**S1a** - Invited	**S2b** - Invited	**S2a** - Invited
10:20 - 10:30		**S1a** - Oral	**S2b** - Oral	**S1a** - Oral	**S2a** - Oral	**S2a** - Oral
10:30 - 11:00		Coffee Break		Coffee Break		Coffee Break
11:00 - 13:00		**S1a** - Orals	**S2b** - Orals	**S1a** - Orals	**S2a** - Orals	**S2a** - Orals **S1b** - Invited **S1b** - Oral **S2b** - Oral
13:00 - 14:30		**Lunch** 13:00 - 14:30		**Lunch** 13:00 - 14:30		**Closing Ceremony** 13:30 - 13:45 Ceremonial Hall
14:30 - 15:10		**Keynote** - Ceremonial Hall		**Keynote** - Ceremonial Hall		
15:20 - 15:50		**S1a** - Invited	**S2b** - Invited	**S1b** - Invited	**S2a** - Invited	
15:50 - 16:10		**S1a** - Oral	**S2b** - Oral	**S1b** - Oral	**S2a** - Oral	
16:10 - 16:30		Coffee Break		Coffee Break		
16:30 - 18:10		**S1a** - Orals **S2b** - Oral **S2a** - Orals	**S2b** - Orals	**S1b** - Orals	**S2a** - Orals	
18:10 - 19:10		**Poster Session** + snacks & drinks 18:10 - 19:10				
Evening				**Gala Dinner** 20:00 - 23:00		
	Registration 17:00 - 19:00					
	Opening Ceremony 19:00 - 19:20					
	Keynote 19:20 - 20:00 Ceremonial Hall					
	Welcome Reception 20:00 - 21:30					