

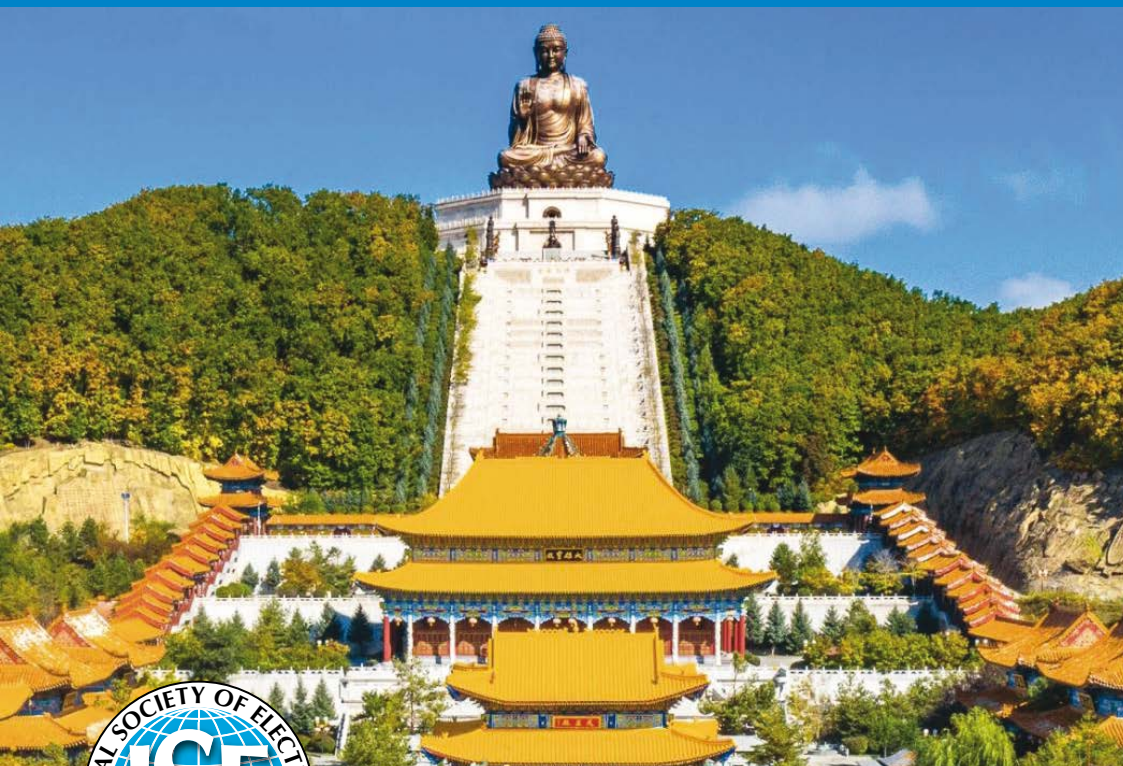
40th Topical Meeting

of the **International Society of Electrochemistry**

15 - 17 August 2025

Changchun, China

Interfacial electrochemistry
and related topics

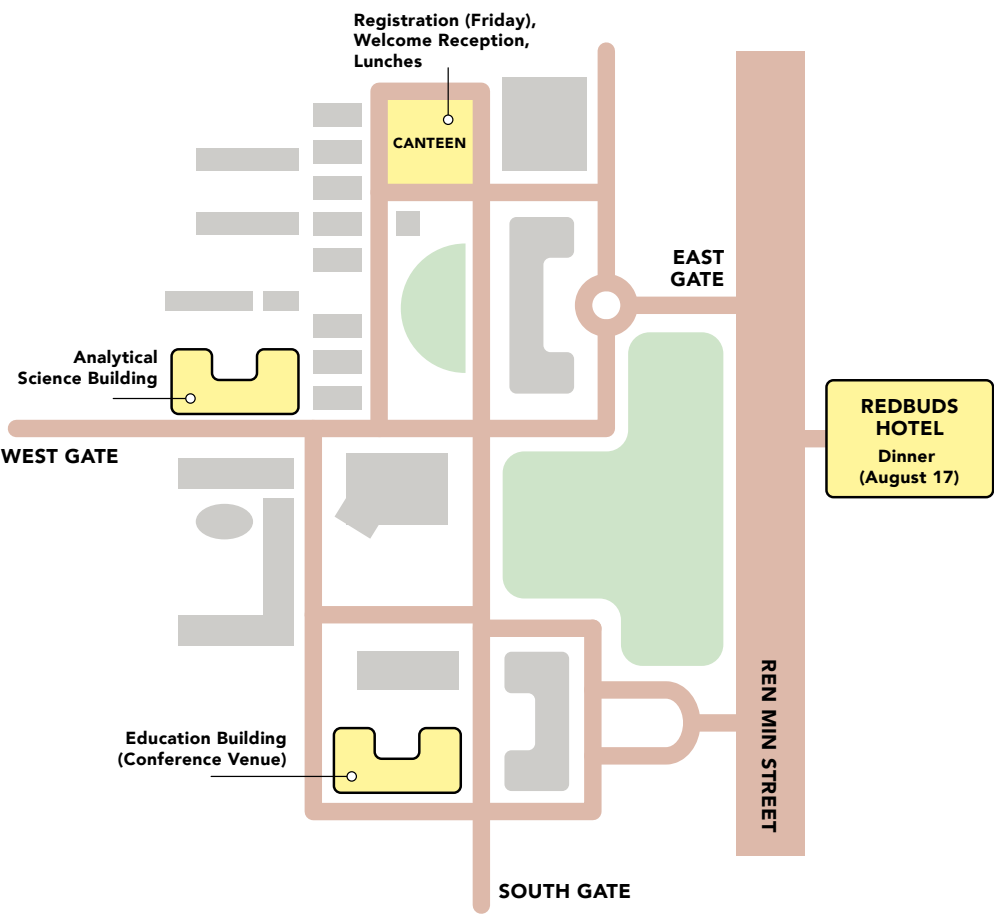


PROGRAM

<https://topical40.ise-online.org>

e-mail: events@ise-online.org

Map of the Conference Area



Conference Venue



Changchun Institute of Applied Chemistry (CIAC)

No.5625, Ren Min Street, 130022 Changchun, P.R.China

<http://english.ciac.cas.cn>



Education Building



Canteen Building

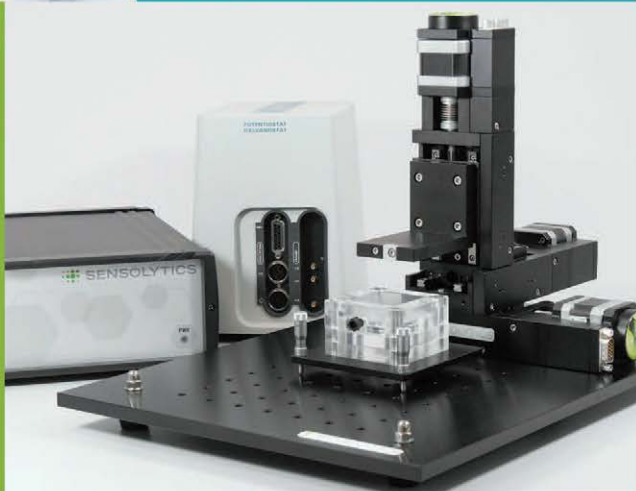


SPELEC

Raman
spectroelectrochemistry
totally synchronized
with a dedicated
software

SECM

Modular system
for localized
electrochemical
applications



VIONIC
powered by
INTELLO.

All-in-one
instrument for
your application

Visit us in our booth:

 **Metrohm**
Electrochemistry

 **SENSOLYTICS**

Sponsors

Springer
Analytical and Bioanalytical Chemistry (ABC)



Exhibitors

IVIUM Technologies



Metrohm Electrochemistry
& Sensolytics



Exhibitor Booths

Fri.: Canteen 2nd Floor | Sat. & Sun.: Room 4042



IVIUM
Technologies



Metrohm
Electrochemistry
& Sensolytics

Exhibitor Hours

Friday: 17:30 - 20:30
Saturday: 09:00 - 17:00
Sunday: 09:00 - 17:00

International Society of Electrochemistry
Chemin du Closelet 2
1006 Lausanne
Switzerland

All rights reserved. No part of this work may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the Publisher.

No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein.

Printed in Switzerland

Copyright © 2025

Program of the
40th Topical Meeting
of the **International Society**
of Electrochemistry

15 - 17 August 2025
Changchun, China

Interfacial electrochemistry
and related topics

Organized by:

Division 1 - Analytical Electrochemistry
Division 6 - Molecular Electrochemistry

ISE Region China



Organizing Committee

Xiurong Yang (Co-Chair), *Changchun Institute of Applied Chemistry, CAS*

Erkang Wang (Co-Chair), *Changchun Institute of Applied Chemistry, CAS*

Guobao Xu (Co-Chair), *Changchun Institute of Applied Chemistry, CAS*

Neso Sojic, *University of Bordeaux*

Wojciech Nogala, *Institute of Physical Chemistry, Polish Academy of Sciences*

Philippe Hapiot, *Institut Sciences Chimiques de Rennes, CNRS*

Fetah Podvorica, *University of Prishtina*

Local Organizing Committee

Wei Zhang, *Changchun Institute of Applied Chemistry, CAS*

Baohua Lou, *Changchun Institute of Applied Chemistry, CAS*

Jing Li, *Changchun Institute of Applied Chemistry, CAS*

Dan Li, *Changchun Institute of Applied Chemistry, CAS*

Ping Song, *Changchun Institute of Applied Chemistry, CAS*

Yuan Hu, *Changchun Institute of Applied Chemistry, CAS*

Table of Contents

Front matter.....	i - vi
<i>Important information</i>	2
Oral presentation program	
<i>Saturday morning</i>	4
<i>Saturday afternoon</i>	12
<i>Sunday morning</i>	20
<i>Sunday afternoon</i>	27
Poster presentations.....	35
Conference venue plans.....	Inside back pages
Overall weekly schedule.....	Back cover

Friday 15 August 2025

Participant Registration

ISE Desk: Canteen Building - 1st Floor

17:30 to 19:00 - Registration desk (will move to the Education Building on Sat. & Sun.)

Welcome Reception

Canteen Building - 2nd Floor

18:30 to 20:30

Saturday 16 August 2025

Opening Ceremony

Education Building - Room: **7040**

08:20 to 08:30 - Inauguration by Xiurong Yang

Gala Dinner *sponsored by Metrohm Electrochemistry & Sensolytics*

Changbaishan Hotel

18:00 to 21:00 **Changchun Hall** on the 2nd floor of **Changbaishan Hotel**
1448 Xinmin Street, Chaoyang, Changchun.

Sunday 17 August 2025

Poster Award & Closing Ceremony

Education Building - Room: **7040**

17:00 to 17:20

Invited Dinner

Redbuds Hotel

17:30 to 20:00 **Baihua Hall** on 3rd floor of Redbuds Hotel

Oral Presentations

Saturday 16 August 2025 - Morning

Keynote

Room: **7040**

Chaired by Xiurong Yang & Takashi Kakiuchi

08:30 to 09:00 Keynote

Francesco Paolucci (*Department of Chemistry Giacomo Ciamician, University of Bologna, Bologna, Italy*), Alessandro Fracassa, Gabriele Giagu, Chiara Mariani, Claudio I. Santo, Giovanni Valenti

Strategies for the enhancement of electrogenerated chemiluminescence for analytical applications

09:00 to 09:30 Keynote

Zhiyong Tang (*Key Laboratory of Nanosystem and Hierarchical Fabrication, National Center for Nanoscience and Technology, Beijing, China*)

Self-assembled supraparticles for electrocatalysis

S1 - Interfacial Electrochemistry Theory and Characterization Techniques

Room: **7040**

Chaired by Robert Dryfe & Zhifeng Ding

09:30 to 09:45 Invited

Bin Ren (*Department of Chemistry, Xiamen University, Xiamen, China*), Yajun Huang, Jingxin Huang, Guokun Liu, Haisheng Su, Xiang Wang, Tianyi Yang

Combined Rotating Disk Electrode Technique and Electrochemical Surface-enhanced Raman Spectroscopy

09:45 to 10:00

Takashi Kakiuchi (*Central Office, pH Science and Technology Laboratory, Wakayama, Japan*), Chiharu Ammo, Ryo Aoyama, Takeru Kubomoto, Masahiro Yamamoto

Effect of Acetic Acid on the Phase-boundary Potential across the Interface between the Ionic Liquid Salt Bridge and an Aqueous Electrolyte Solution

10:00 to 10:30

Coffee Break

Chaired by Bin Ren, Rui Hao & Vitor Brasiliense

10:30 to 10:45 **Invited**

Robert Dryfe (*Chemistry, Univ of Manchester, Manchester, United Kingdom*), Athanasios Papaderakis, Jing Yang

Controlling Wetting on Carbon Surfaces

10:45 to 11:00 **Invited**

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

Adsorption of organic molecules at interfaces from ionic liquid electrolytes

11:00 to 11:15

Song Xue (*Research Center on Advanced Chemical Engineering and Energy, China University of Petroleum - East China, Qingdao, China*)

Impact of Pt(hkl) Electrode Surface Structure and Alkali Metal Cations on the Electrical Double Layer Capacitance

11:15 to 11:30

Jingyuan Chen (*Electrochemistry Museum, University of Fukui, Fukui, Japan*), Koichi Aoki

A role of solvent dipoles at double layer capacitance with the help of a 2D-hexagonal icy structure

11:30 to 11:45

Si-Min Lu (*ITODYS, Université Paris Cité, Paris, France*), Frédéric Kanoufi, Jean-François Lemineur, Vincent Noël, Valérie Ravaine, Neso Sojic, Silvia Voci, Zhu Zhang

Surprising Spatiotemporal Dynamics of Single Nanohydrogels at the Nano-electrochemical Interface

11:45 to 12:00

Julia Maciejewska-Komorowska (*Department of Electrode Processes, Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland*), Damien W. M. Arrigan, Martin Jönsson-Niedziolka, Hum B. Lamichhane

Electrochemical Behaviour of Proteins and Fluorescent Salts at a Liquid|Organogel Micro-Interface Array

S2 - Electroanalysis and Bioelectrochemistry

Room: **6040**

Chaired by Olivier Buriez & Caifeng Ding

09:30 to 09:45 **Invited**

Josh Hihath (*Center for Bioelectronics and Biosensors, Arizona State University, Tempe, USA*)

Electrically Controlled Single-Molecule Chemistry: DNA-Based Electronic Devices

09:45 to 10:00

Neso Sojic (*ISM, University of Bordeaux, Bordeaux, France*), Julie Descamps, Gabriel Loget, Yiran Zhao

Photo-induced electrochemiluminescence sensing and imaging at semiconductor surfaces

10:00 to 10:30

Coffee Break

Chaired by Josh Hihath, Neso Sojic & Nicole Jaffrezic-Renault

10:30 to 10:45 Invited

Olivier Buriez (*Ecole Normale Supérieure, CNRS, Paris, France*),
Stéphane Arbault, Fatma Ben Trad, Bixente Carré, Jérôme Delacotte, Manon
Guille-Collignon, Eric Labbé, Frédéric Lemaître, Mathieu Morel, Neso Sojic,
Vincent Wieczny

Electrochemiluminescence Involving Lipid/Water Interfaces to Image
Permeabilization of Giant Liposomes

10:45 to 11:00 Invited

Kosuke Ino (*Graduate School of Engineering, Tohoku University, Sendai, Japan*),
Hiroya Abe, Kaoru Hiramoto, Kimiharu Oba, Hitoshi Shiku, Yoshinobu Utagawa

Electrochemiluminescence and Amperometric Analysis of Cultured Cell-
Electrode Interfaces for Evaluating Organ Models

11:00 to 11:15

Caifeng Ding (*Chemistry, Qingdao University of Science and Technology,
Qingdao, China*), Xian Zhen Song

Ultrasensitive biosensor based on efficient antifouling interface and dual
signal amplification strategy for trace detection of thrombin in
human serum

11:15 to 11:30

Dalibor Stanković (*Department of Analytical chemistry, University of Belgrade
- Faculty of chemistry, Beograd, Serbia*), Nikolaos Argiris, Christos Argiris,
Aleksandar Mijajlović, Tijana Mutić, Petar Ristivojević, Georgia Sourkouni,
Vesna Stanković, Jasmina Vidić, Filip Vlahović

Fabrication of electrochemical sensor based on europium oxide/reduced
graphene oxide nanocomposite for endocrine disruptor estradiol sensing;
theoretical perspective on the sensing mechanism

continued over the page

11:30 to 11:45

Juan Manríquez (*Department of Science, CIDETEQ, Sanfandila, Pedro Escobedo, Mexico*), Erika Bustos, José Alberto García-Melo, Heydi Janeth Granados-Flores, Juan Manríquez, Laura Lupita Martínez-Rodríguez, Selene Sepúlveda-Guzmán, Angela María Stortini

Electrochemical detection of sucralose contained in food products and energy drinks utilizing glassy carbon electrodes modified by silver nanoparticles electrodeposited by potentiostatic double-pulse technique

11:45 to 12:00

Tadele Eticha (*Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China*), Ala'a Mhmoued Abdllh Alboull, Zhiyong Dong, Di Ma, Solomon Sime Tessema, Guobao Xu, Mingqin Zhu

Single-Electrode System-Based Electrochemiluminescence Immunosensor for Multiplex Detection of Aquaporin-4 Antibody using Metal-organic Gels as Coreactant

S3 - Electrocatalysis and Electrosynthesis

Room: **4039**

Chaired by Yasuaki Einaga & Wenbo Ju

09:30 to 09:45 *Invited*

Kristina Tschulik (*Chemistry and Biochemistry, Ruhr University Bochum, Bochum, Germany*)

Advanced electrochemical methods to characterise nano-electrocatalysts

09:45 to 10:00

Laurent Ruhlmann (*Insitut of Chemistry, University of Strasbourg, Strasbourg, France*), Brahim Akhsassi, Samer Dawoud, Ning Jiang, Yanzi LIN, Yiming Liang, Jingjing Wang

Photo(redox)active and photo(electro)switchable materials based on polyoxometalates and porphyrins

10:00 to 10:30

Coffee Break

Chaired by Kristina Tschulik, Sam Chen & Weiran Zheng

10:30 to 10:45 *Invited*

Yasuaki Einaga (*Chemistry, Keio University, Yokohama, Japan*)

Electrochemical CO₂ Reduction by Boron-doped Diamond Electrodes

10:45 to 11:00

Wenbo Ju (*School of Physics and Optoelectronics, South China University of Technology, Guangzhou, China*), Tengfei Chen, Jun Wang

Direct Carbonate Reduction on Sn Oxide Surfaces

11:00 to 11:15

Yuxiang Zhou (*Department of Materials, Imperial College London, London, United Kingdom*), Benjamin Bowers, Ayman El-Zoka, James Murawski, Rose Oates, Mary Ryan, Ifan Stephens, Oliver Waszkiewicz, Anna Winiwarter

Mechanistic Insights into Active Sites for Electrochemical CO₂
Reduction over the Strain-Engineered Dealloyed Cu

11:15 to 11:30

Yannick Weidemann (*Analytische Chemie II, Ruhr-Universität Bochum, Bochum, Germany*), Pouya Hosseini, Bettina Lotsch, Andrés Rodríguez Camargo, Kristina Tschulik

Spectroelectrochemical Analysis of Water Confinement and
Electrochemical CO₂ Reduction at Au Modified with Covalent Organic
Frameworks

11:30 to 11:45

Goki Iwai (*Department of Chemistry, Keio University, Yokohama City, Japan*), Yasuaki Einaga, Andrea Fiorani, Chiaki Terashima

Solar light-assisted electrochemical CO₂ reduction at boron-doped
diamond cathode

11:45 to 12:00

Tengfei Chen (*School of Physics and Optoelectronics, South China University of Technology, Guangzhou, China*), Wenbo Ju

Unveiling the origin of pH-dependent catalytic performance of Bi₂O₃
nanostructure for electrochemical CO₂ reduction

S4 - Electrochemical Energy and Electrochemical Machining

Room: **5040**

Chaired by Christine Kranz & Zhenyou Li

09:30 to 09:45 *Invited*

Alexander Kuhn (*Institute of Molecular Science, University of Bordeaux, Pessac, France*), Sylvain Chambon, Khaoula Missaoui, Thierry Toupance, Guillaume Wantz

Targeted Design of Organic Janus Nanoparticles for Improved Photocatalytic Hydrogen Evolution

09:45 to 10:00

Song-Zhu Shochiku Kure-Chu (*Department of Materials Function and Design, Nagoya Institute of Technology, Nagoya, Japan*), Yumi Hattori, Takehiko Hihara, Masahiro Kato, Erli Lin, Jiacheng Liu, Hidetoshi Miyazaki, Shunsuke Mori, ZhengMing Sun, Peng Wang

Electrochemical Fabrication of Versatile Nanocomposite Coatings with Enhanced Electrical/Thermal Conductivities and Wear Resistance for Automotive Connectors and Power Electro-/Electrical Devices

10:00 to 10:30

Coffee Break

Chaired by Alexander Kuhn, Song-Zhu Shochiku Kure-Chu & Ziaur Rehman

10:30 to 10:45 *Invited*

Christine Kranz (*Institute of Analytical and Bioanalytical Chemistry, Ulm University, Ulm, Germany*), Sven Daboss, Tom Philipp, Salimeh Saleh

Scanning electrochemical probe microscopy as a versatile tool for characterizing sodium ion battery electrodes

10:45 to 11:00

Unhyuck Kim (*Department of Energy Science and Engineering, Gyeongbuk Institute of Science and Technology DGIST, Daegu, Korea*)

High-Energy Density W-Doped Ni 95% Layered NCA Cathodes for Next-Generation Lithium-ion batteries

11:00 to 11:15

Zhenyou Li (*Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences, Qingdao, China*)

Anode-Electrolyte Interfaces in Magnesium and Calcium Batteries

11:15 to 11:30

Jingshu Hui (*College of Energy, Soochow University, Suzhou, China*)

In-situ Electrochemical Analysis at Energy Storage Interfaces

11:30 to 11:45

Yanan Li (*Department of Physics, Northeast Normal University, Changchun, China*), Yinglin Wang, Xintong Zhang

Click Gel Polymer Electrolyte Achieving Liquid-Comparable Conductivity

11:45 to 12:00

Jake Limb (*School of Chemistry, Monash University, Melbourne, Australia*), Cameron Bentley

Nanoscale Electrochemistry of Engineered Molybdenum Disulfide

Saturday 16 August 2025 - Afternoon

S1 - Interfacial Electrochemistry Theory and Characterization Techniques

Room: **7040**

Chaired by Xing-Hua Xia, Piret Pikma & Song Xue

14:00 to 14:15 Invited

Zhifeng Ding (*Chemistry, Western University, London, Canada*), Kenneth Chu
[Fabrication and Optimization Strategies for Light-Emitting Electrochemical Cells](#)

14:15 to 14:30

Wojciech Nogala (*Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland*), Bhavana Gupta, Marcin Holdynski, Alexander Kuhn, Ambrose Ashwin Melvin, Wojciech Nogala, Vishal Srivastav, Shashank Sundriyal
[Actuation of Pristine Carbon Fibers via Electrochemical Stimulation](#)

14:30 to 14:45

Rui Hao (*Chemistry, Southern University of Science and Technology, Shenzhen, China*)
[Multi-resolved Imaging of Electrochemical Interfaces](#)

14:45 to 15:00

Vitor Brasiliense (*PPSM, CNRS/ ENS Paris-Saclay, Gif Sur Yvette, France*), Jean Frédéric Audibert, Vitor Brasiliense, Jennifer Calderon Mora, Ali Dabbous, Baptiste Maillot, Fabien Miomandre
[Electro- and photochemical combined approaches for controlled local modification of surfaces with conductive polymers](#)

15:00 to 15:15

Liis Siinor (*Institute of Chemistry, University of Tartu, Tartu, Estonia*), Heigo Ers, Ermo Leuska, Piret Pikma
[On the electrical double layer formation at the glassy carbon electrode and ionic liquid interface](#)

15:15 to 15:30

Nina Kovač (*Department of physical and organic chemistry, Jožef Stefan Institute, Ljubljana, Slovenia*), Barbara Kapun, Slavko Kralj, Ingrid Milošev, Peter Rodič

Advanced Hybrid Sol-Gel Coating for Corrosion Protection of Magnesium Alloys for Biomedical Applications

15:30 to 16:00

Coffee Break

Chaired by Wojciech Nogala & Jingyuan Chen

16:00 to 16:15 **Invited**

Xing-Hua Xia (*School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China*)

Plasmon-enhanced IR spectroscopy and electrochemistry

16:15 to 16:30

Hai-Long Wang (*Tan Kah Kee Innovation Laboratory, Xiamen University, 009010, China*), Xiao-Jie Huang, Jing-Hua Tian, Zhong-Qun Tian, Jian-Feng Xiong

NanoIR Study of Organic Additives Regulating the Positive Interface Process of PANI

16:30 to 16:45

Yan Wu (*ITODYS, Paris, France*)

Polymerization of bispyridylbutadiyne on the surface, evidenced by STM and application in photocatalysis.

S2 - Electroanalysis and Bioelectrochemistry

Room: **6040**

Chaired by Limin Zhang, Kosuke Ino & Dalibor Stanković

14:00 to 14:15 Invited

Taek Dong Chung (*Chemistry, Seoul National University, Seoul, Korea*),
Wonkyung Cho, Min-Ah Oh, Chang Il Shin

Polyelectrolyte Gel Filled Pipette

14:15 to 14:30 Invited

Simone Ciampi (*Chemistry, Bentley, Australia*), Mattia Belotti, Killugudi Swaminathan Iyer, Marck Norret, Vijithra Devi Vijayakumar, Long Zhang

Trapped but Active: Electrochemistry in Nanoscale Liquid Films between Bubbles and Electrodes

14:30 to 14:45

Nicole Jaffrezic-Renault (*UTINAM Institute, University of Franche-Comte, Besancon, France*), Hamdi BEN HALIMA, Amira NAHDI

Ultra-Sensitive Room-Temperature Conductometric Sensor for Acetone Vapor Detection Using $\text{TiC}/\text{WO}_3/\text{g-C}_3\text{N}_4$ Nanocomposite: A Breakthrough in Environmental and Health Monitoring

14:45 to 15:00

Dmytro Snizhko (*Biomedical Engineering, Kharkiv National University of Radio Electronics, Kharkiv, Ukraine*), Guobao Xu, Yuriy Zholudov

Nitrogen Doped Diamond-like Carbon Films as Promising Electrode Interface for Electrogenerated Chemiluminescent Analysis

15:00 to 15:15

Jantima Upan (*Department of Chemistry, Faculty of Science, Mahasarakham University, Maha Sarakham, Thailand*), Andrew J. Hunt, Jaroon Jakmunee, Thidarat Kruatian, Jamras Lerdsri, Pakin Noppawan, Suwiwat Sangon, Nontipa Supanchaiyamat, Jantima Upan

A Sustainable Electrochemical Sensor Based on Rice Straw-Derived Carbon Modified Lab-Made Electrode for Uric Acid Detection

15:15 to 15:30

Mingwei Bai (*Chemistry, Keio University, Tokyo, Japan*), Yasuaki Einaga, Michio Murata

Highly sensitive Electrochemical Detection of Heavy Metal Vanadium by Boron-doped diamond Electrode

15:30 to 16:00

Coffee Break

Chaired by Simone Ciampi & Dmytro Snizhko

16:00 to 16:15 **Invited**

Limin Zhang (*School of Chemistry and Molecular Engineering, East China Normal University, Shanghai, China*)

In vivo analysis based on interface-engineering

16:15 to 16:30

Tingting Han (*School of Chemistry and Chemical Engineering, Guangzhou University, Guangzhou, China*), Johan Bobacka, Dongxue Han, Tingting Han, Li Niu, Tao Song

New Electroanalytical Method for Solid-Contact Ion-Selective Electrodes-Coulometry/Impedance/Mass changes

16:30 to 16:45

Dominik Korol (*Functional Polymers research group, Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland*), Maciej Cieplak, Piyush Sindhu Sharma

Redox-Active Polymer Nanoparticles in Electrochemical Assays: A Simple Method for Post-Preparative Modification of Polypyrrole-Based Nanoparticles with Ferrocene Unit

S3 - Electrocatalysis and Electrosynthesis

Room: **4039**

Chaired by Aicheng Chen, Juan Manríquez & Hai-Long Wang

14:00 to 14:15 Invited

Minhua Shao (*Department of Chemical and Biological Engineering, Hong Kong University of Science and Technology, Clear Water Bay, China*), Ernest Delmo, Yao Yao, Shangqian Zhu

[In Situ Spectroscopic Studies on Electrocatalytic Reactions](#)

14:15 to 14:30

Weiran Zheng (*Department of Chemistry, Guangdong Technion-Israel Institute of Technology, Shantou, China*), Lijie Du, Weiran Zheng

[Optimizing Graphite Counter Electrodes for Electrocatalyst Evaluation](#)

14:30 to 14:45

Aleš Marsel (*Department of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia*), Marjan Bele, Nejc Hodnik, Miha Hotko, Gregor Kapun

[Gas Diffusion Electrode: A Versatile Setup for Studying Electrocatalysts for the Hydrogen Economy](#)

14:45 to 15:00

Kangmin Seo (*Department of Environment and Energy Engineering, Gwangju Institute of Science and Technology, Gwangju, Korea*), Sejin Im, JongHoon Joo, HyeRi Kim, Changhee Kim, Gahyeon Lee

[Enhancement of HER Catalytic Performance of Porous Non-Noble Metal-Based Electrodes via Surface Modification](#)

15:00 to 15:15

Pavel Sinitsyn (*Center for Energy Science and Technology, Skolkovo University of Science and Technology, Moscow, Russia*), Victoria Nikitina, Sergei Porokhin

[Comparison of Oxygen Evolution Electrocatalysts with Identical Transition Metal Ratios but Different Structures](#)

15:15 to 15:30

Yu Xia (*School of Physics and Optoelectronics, South China University of Technology, Guangzhou, China*), Wenbo Ju

Revealing the Mechanism of Magnetic Field-Enhanced Electrocatalytic OER under Strong Mechanical Convection

15:30 to 16:00

Coffee Break

Chaired by Minhua Shao & Liis Siinor

16:00 to 16:15 **Invited**

Aicheng Chen (*Department of Chemistry, University of Guelph, Guelph, Canada*), Sharon Abner, Jacek Lipkowski, Negar Sabouhian

Electrochemical and in situ FTIR Studies of the Carbon Dioxide Reduction at Bimetallic Nanostructured Catalysts

16:15 to 16:30

Sam Chen (*School of Environmental and Life Sciences, University of Newcastle, Newcastle, Australia*)

Microwave-Driven Scalable Shock Synthesis of Functional Carbon Materials for Electrocatalysis

16:30 to 16:45

Tian-Wen Jiang (*Department of Chemistry, Fudan University, Shanghai, China*), Wen-Bin Cai

Understanding the Reaction Pathways of Electrochemical Carbon Dioxide Reduction by in situ Infrared Spectroscopy

S4 - Electrochemical Energy and Electrochemical Machining

Room: **5040**

Chaired by Di Wei, Jan Bitenc & Unhyuck Kim

14:00 to 14:15 Invited

Fu Ming Wang (*Graduate Institute of Applied Science and Technology, National Taiwan University of Science and Technology, Taipei, Taiwan*)

Entropy-driven derivative organic coverage designs on Ni-rich layered cathodes in lithium-ion battery

14:15 to 14:30 Invited

Damian Kowalski (*Faculty of Chemistry, University of Warsaw, Warsaw, Poland*), Sandra Sajeev, Mewin Vincent

In-Situ Observations of Electrochemical Reactions in 1D Battery Electrodes

14:30 to 14:45 Invited

Ziaur Rehman (*Chemistry, Quaid-i-Azam University, Islamabad, Pakistan*), Rizwana Ghazi

KOVAR as Promising Anode Material for Lithium-ion Batteries

14:45 to 15:00

Jintao Zhang (*Energy Materials, Institute of Materials Research and Engineering, Singapore*), Zhaolin Liu, Yi Ren, Nguk Neng Tham

Direct Recycling of Spent Polycrystalline NMC 622 via Eutectic Solvent Methods

15:00 to 15:15

Ayaulym Belgibayeva (*Laboratory of Energy Storage Systems, National Laboratory Astana, Astana, Kazakhstan*)

Low-Temperature Processed SiO₂/DPAN/KB Nanofibers for Durable Lithium-Ion Battery Anodes

15:15 to 15:30

Fathima Ali Kayakool (*School of Engineering Sciences and Technology, University of Hyderabad, Hyderabad, India*)

Recycled Graphite From LCO-Based Battery as an Anode for Lithium-Ion Battery

15:30 to 16:00

Coffee Break

Chaired by Fu Ming Wang & Ayaulym Belgibayeva

16:00 to 16:15 **Invited**

Di Wei (*Head of Iontronics Laboratory, Beijing Institute of Nanoenergy and Nanosystems, CAS, Beijing, China*)

Printable power source based on osmotic effects

16:15 to 16:30

Jan Bitenc (*Department of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia*)

Exploring Fluorinated Alkoxy Borate and Alkoxy Aluminate Salts for Rechargeable Mg and Ca Batteries

16:30 to 16:45

Wenbo Wang (*Helmholtz Institute Ulm, Helmholtz Institute Ulm, Ulm, Germany*), Dominic Bresser

Novel single-ion conducting polymer electrolyte for lithium-metal batteries

Sunday 17 August 2025 - Morning

Keynote

Room: **7040**

Chaired by Erkang Wang & Taek Dong Chung

08:30 to 09:00 Keynote

Zhong-Qun Tian (*State Key Laboratory of Physical Chemistry of Solid Surfaces, Xiamen University, Xiamen, China*), Jun Cheng, Jin-Chao Dong, Yu Gu, Wen-Jing Hong, Jian-Feng Li, Si-Yuan Ma, Yu Qiao, Hai-Sheng Su, Fu-Jie Tang, Jing-Hua Tian, Zhong-Qun Tian, Wei-Wei Wang, Hai-Long Wang, Shao-Ping Wu

Exploring AI-driven Loop of Operando–Measurement–Analysis–Control (AI-LOMAC) for Energy Electrochemistry

09:00 to 09:30 Keynote

Janine Mauzeroll (*Chemistry, McGill University, Montreal, Canada*)

The Good, The Bad and The Ugly: A Tale of Electrochemical Microscopy

S1 - Interfacial Electrochemistry Theory and Characterization Techniques

Room: **7040**

Chaired by Wei Wang & Lin Zhang

09:30 to 09:45 Invited

Valentin Mircheski (*Department of Inorganic and Analytical Chemistry, University of Lodz, Lodz, Poland*)

Genuine Anodic and Cathodic Current Components in Voltammetry

09:45 to 10:00

Yao Yao (*Department of Chemistry, Great Bay University, Dongguan, China*), Ernest Pahuyo Delmo, Minhua Shao

The Electrode/Electrolyte Interface Study during the Electrochemical CO₂ Reduction in Acidic Electrolytes

10:00 to 10:30

Coffee Break

Chaired by Valentin Mircheski, Yao Yao & Simona Baluchová

10:30 to 10:45 **Invited**

Wei Wang (School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China)

Radially distributed charging time constants at an electrode-solution interface

10:45 to 11:00 **Invited**

Peter Rodič (Department of physical and organic chemistry, Jožef Stefan Institute, Ljubljana, Slovenia), Barbara Kapun, Nina Kovač, Slavko Kralj, Ingrid Milošev, Matic Može

Multilayer Coatings to Enhance Corrosion Protection of Aluminium Alloys

11:00 to 11:15

Lin Zhang (Engineering Research Center for Nanomaterials, Henan University, Kaifeng, China), Yuheng Fu, Alexander Kuhn, Neso Sojic, Bingbing Xie, Wensheng Yang

Design of Janus Microparticles by Bipolar Electrochemistry at Water/Organic Interfaces

11:15 to 11:30

Erika Bustos (Science, CIDETEQ, Pedro Escobedo, Mexico), Mónica Cerro, Laura Grissel García de la Cruz, Luis Ricardo Hernández

Photo-electro-degradation of Volatil Organic Compounds using the system: CS-PbO_{2,np}-TiO_{2,nt}/Ti/VOCs/Ti/TiO_{2,nt}-Fe₃O_{4,np}-CS

11:30 to 11:45

Aliyu Salisu (Chemistry, University of Newcastle, Newcastle, Australia), Sam Chen, Renee V Goreham, Stephen Holt, Jitendra Mata, Thomas Nann, Vanessa K Peterson

Interfacial and Bulk Structures of Microemulsion Electrolytes for Supercapacitors

11:45 to 12:00

Wending Hou (*Materials and Structures Laboratory, Institute of Science, Tokyo, Yokohama, Japan*), Tso-Fu Mark Chang, Chun-Yi Chen, Tomoyuki Kurioka, Masato Sone

Nickel Electroplating with Sulfamate Electrolyte Emulsified by Supercritical Carbon Dioxide and SDS

S2 - Electroanalysis and Bioelectrochemistry

Room: **6040**

Chaired by Chenzhong Li & Yuriy Zholudov

09:30 to 09:45 **Invited**

Huangxian Ju (*State Key Lab of Analytical Chemistry for Life Science, Huangxian Ju, Professor, Nanjing University, Nanjing, China*)

Nanostructure-enhanced electrochemiluminescence biosensing

09:45 to 10:00

Keke Hu (*College of Chemistry and Chemical Engineering, Xiamen University, Xiamen, China*), Ruolin Liu, Chuan Liu, Zhongqun Tian, De Yang

Simultaneous Detection of Electroactive and Non-Electroactive Chemical Messengers Released from Single Living Cells Using μ EC-SERS with Ultrathin-Insulated Metal Microelectrodes.

10:00 to 10:30

Coffee Break

Chaired by Huangxian Ju, Keke Hu & Jinchao Wang

10:30 to 10:45 **Invited**

Chenzhong Li (*Medicine, The Chinese University of Hong Kong, Shenzhen, China*), XuZhi Zhang

Versatile technique for determining microbial growth curve and growth rate curve using an electronic microbial growth analyzer

10:45 to 11:00

Runjin Deng (*School of Automotive Engineering, Harbin Institute of Technology, Weihai, Shandong, China*) Yanyan Wang, Zhaoqi Ji

Graphene-Innovation Structure for Next-Generation Proton Exchange Membrane Fuel Cells

11:00 to 11:15 *Invited*

Yuriy Zholudov (*Biomedical Engineering Department, Kharkiv National University of Radioelectronics, Kharkiv, Ukraine*), Danylo Martynov, Dmytro Snizhko, Guobao Xu

Heterogeneous Electrochemiluminescence Systems Based on Tetraphenylborate Co-reactant for Sensor Applications

11:15 to 11:30

Miaoxia Liu (*Institut des Sciences Moléculaires, University of Bordeaux, Pessac, France*), Laurent Bouffier, Lucie Norel, Tuan-Anh Phan, Stéphane Rigaut, Neso Sojic, Jing Yu

Strong NIR Electrochemiluminescence from Lanthanide Ions Sensitized with a Carbon-Rich Ruthenium Chelate

11:30 to 11:45

Erli Lin (*Physical Sciences and Engineering, Nagoya Institute of Technology, Nagoya, Japan*), Takehiko Hihara, Song-Zhu Kure-Chu, Xiaopei Li, Jiacheng Liu, ZhengMing Sun, Peng Wang

Effect of Metallate Additives on the Corrosion Resistance of MgO-SiO₂-(W,Ni)Ox Composite Films on Mg Alloys through Anodization

11:45 to 12:00

Ala'a Mhmoued Abdilh Alboull (*School of Applied Chemistry and Engineering, Changchun Institute of Applied Chemistry & USTC, Changchun, Jilin, China*), Fathimath Abbas, Altaf Hussain, Jieping Jiang, Hongzhan Liu, Baohua Lou, Guobao Xu

Electrochemical Detection of Hydrogen Peroxide at High Concentrations Using Hastelloy G35 Electrode

S3 - Electrocatalysis and Electrosynthesis

Room: **4039**

Chaired by Zhanxi Fan & Meiling Xiao

09:30 to 09:45 Invited

Xiaoqiang Cui (*School of Materials Science and Engineering, Jilin University, Changchun, China*)

Atomic Regulation of Two-Dimensional Catalysts for Efficient Electrochemical Water Splitting

09:45 to 10:00 Invited

Alessandro Lavacchi (*ICCOM, CNR, Florence, Italy*), Enrico Berretti, Laura Capozzoli, Jonathan Filippi, Stefano Martinuzzi, Ilaria Perissi, Francesco Vizza

Suppressing Schottky Behavior in Ir/TiO₂ Electrodes via Reductive Annealing and Nitrogen Doping for Efficient Oxygen Evolution Reaction

10:00 to 10:30

Coffee Break

Chaired by Xiaoqiang Cui, Alessandro Lavacchi & Lianhuan Han

10:30 to 10:45 Invited

Zhanxi Fan (*Chemistry, City University of Hong Kong, Hong Kong, China*)

Crystal Phase Control of Low-Dimensional Metal Nanomaterials for Electrocatalytic Applications

10:45 to 11:00

Meiling Xiao (*State Key Laboratory of Electroanalytic Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*)

Atomic-scale design and understanding of oxygen electrocatalysts

11:00 to 11:15

Ying Pan (*Chemistry department, University of Paderborn, Paderborn, Germany*), Xianjue Chen, Irene Lamata Bermejo, Luocheng Liao, Yunya Liu, Nieves Lopez Salas, Dan Qiao, Ran Su, Xinwen Zhang

Efficient hydrogen and hydrogen peroxide production from water over carbon nitride-based piezocatalysts

11:15 to 11:30

José Alejandro Arminio Ravelo (*Physics / R&D, Technical University of Denmark - DTU / HPNow, Kongens Lyngby, Denmark*), Rasmus Frydendal, Jakob Kibsgaard, Rajath Sathyadev Rajmohan

Partial Electroreduction of O₂ to H₂O₂: Translating Results from Fundamental Research to Application

11:30 to 11:45

Miha Hotko (*Department of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia*), Marjan Bele, Nejc Hodnik, Aleš Marsel

Effect of Membrane Types on the Performance and Longevity of Nickel Catalysts in Alkaline Water Splitting

11:45 to 12:00

Gahyeon Lee (*Department of Environment and Energy Engineering, Gwangju Institute of Science & Technology, Gwangju, Korea*), Jong Hoon Joo, Jong-Sook Lee

Comprehensive Understanding of Performance-determining Resistance in Alkaline Water Electrolysis Based on Electrochemical Impedance Spectroscopy

S4 - Electrochemical Energy and Electrochemical Machining

Room: **5040**

Chaired by Stanislav S. Fedotov & Zhaolin Liu

09:30 to 09:45 **Invited**

Weilin Xu (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*)

Molecule Aging Induced by Electron Attack

09:45 to 10:00

Binyu Chen (*Chemistry, Simon Fraser University, Burnaby, Canada*), Steven Holdcroft, Alessandra Menandro, Qiliang Wei

Impact of Pre-Exchanging Anion-Exchange Polymer for Water Electrolysis and Fuel Cell Applications

10:00 to 10:30

Coffee Break

Chaired by Weilin Xu, Sixu Deng & Jaroslaw Wojciechowski

10:30 to 10:45 *Invited*

Stanislav S. Fedotov (*Center for Energy Science and Technology, Skolkovo Institute of Science and Technology - Skoltech, Moscow, Russia*),

Dmitry A. Aksyonov, Nikita D. Luchinin, Semyon D. Shraer

New polyanion positive electrode materials for Na-ion batteries

10:45 to 11:00

Zhaolin Liu (*Energy Materials Department, Institute of Materials Research and Engineering, A*STAR, Singapore, Singapore*), Zhaolin Liu, Yi Ren, Nguk Neng Tham, Qing Wang, Jintao Zhang

Efficient Direct Recycling of Cathode Materials from Spent Li-ion Batteries

11:00 to 11:15

Soomin Choi (*Department of Environment and Energy Engineering, Gwangju Institute of Science & Technology, Gwangju, Korea*), Seoyoung Jang, Jong Hoon Joo

Investigation of the Effects of Sintering Aids on Interfacial Reactions and Secondary Phase Formation during Co-sintered Solid Oxide Cells

11:15 to 11:30

Meigui Xu (*State Key Lab of Materials-Oriented Chemical Engineering, College of Chemical Engineering, Nanjing Tech University, Nanjing, China*), Zongping Shao

Materials Design and Scalable Fabrication of Intermediate-Low Temperature Solid Oxide Cells

11:30 to 11:45

Yi Li (*School of Chemistry, University of Nottingham, Nottingham, United Kingdom*), Martin Black, Lee Johnson, Jack Jorden, Letizia Liiro Peluso, Graham Newton, Joanne Searle, Darren Walsh

Why Rate Performance is Poor in the Lithium-Sulfur Battery and the Role of Molecular Catalysts

11:45 to 12:00

Peng Wang (*Dept. of Materials Function & Design, Nagoya Institute of Technology, Nagoya, Japan*), Takehiko Hihara, Shun Itatsu, Hikaru Kaai, Song-Zhu Kure-Chu, Erli Lin, Jiacheng Liu, Kohya Matsuhira, Soya Miwa, ZhengMing Sun

Effect of Heat Treatment Temperature on Microstructures and Electrochemical Performance of $\text{TiO}_2\text{-TiO-TiN/MoO}_{3-x}\text{-Mo}_2\text{N}$ Composite Films for High-Safety, High-Capacity LIB Anodes

Sunday 17 August 2025 - Afternoon

S1 - Interfacial Electrochemistry Theory and Characterization Techniques

Room: **7040**

Chaired by Shuang-Yan Lang, Jing-Hua Tian & Meigui Xu

*14:00 to 14:15 **Invited***

Chaoyu Li (*School of Materials Science and Engineering, Tongji University, Shanghai, China*), Zhi-Yuan Cheng, Jie-Du Wu

Revealing the mechanism of the electroreduction of carbon dioxide in concentrated aqueous electrolytes by combining in situ Raman spectroscopy and scanning probe microscopy

14:15 to 14:30

Dmitry Aksyonov (*Center for Energy Science and Technology, Skolkovo Institute of Science and Technology, Moscow, Russia*), Anton Boev, Arseniy Burov, Daniil Chernyshov, Artem Dembitskiy, Stanislav Fedotov, Andrey Geondzhian, Tatiana Kobernik

High-throughput Computational Screening of Protective Coatings for Solid-State Batteries

14:30 to 14:45

Kang Dong (*Institute of High Energy Physics, Chinese Academy of Sciences, Beijing, China*)

Combining Multiscale and Multimodal Imaging Techniques for Lithium Battery Research

14:45 to 15:00

Zhao Li (*Dept. of Materials, Imperial College London, London, United Kingdom*)

Operando and In Situ Characterization of Electrochemical Interfaces: Probe Selection, Cell Design, Data Acquisition and Analysis

15:00 to 15:15

Yu-Jeong Min (*School of Materials Science and Engineering, Pusan National University, Busan, Korea*), Heon-Cheol Shin

Advancing Interfacial Characterization in All-Solid-State Batteries with a Novel Symmetric Cell Design

15:15 to 15:30

Ziyuan Lyu (*Electrochemical Energy Storage Materials, Helmholtz Institute Ulm, Ulm, Germany*), Dominic Bresser

Unveiling the Evolution of Lithium-Metal Electrodes through Clustering-Based Data Mining and Parametric Analysis

15:30 to 16:00

Coffee Break

Chaired by Chaoyu Li & Kang Dong

16:00 to 16:15 **Invited**

Shuang-Yan Lang (*Key Laboratory of Molecular Nanostructure and Nanotechnology, Institute of Chemistry, Chinese Academy of Sciences, Beijing, China*)

Mechanistic Insights and Kinetics of Lithium-Sulfur Redox via In situ/Operando Methods

16:15 to 16:30

Jing-Hua Tian (*IKKEM, Xiamen University, Xiamen, China*), Si-Yuan Ma, Zhong-Qun Tian, Jing-Hua Tian, Hai-Long Wang, Wei-Wei Wang, Shao-Ping Wu, Dan Wu

Non-destructive Operando Research for Lithium-ion Pouch Cells

16:30 to 16:45

Jakub Jambrich (*IAM-ET, Karlsruhe Institute of Technology, Karlsruhe, Germany*), Daniel Hartman, Ulrike Krewer, Julian Ulrich

A journey to determine an SoC-dependent charge transfer coefficient of NMC cathodes using Non-linear frequency response analysis

16:45 to 17:00

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

Single-Ion Conducting Polymer Interlayer for Long-Term Stable Sodium-Metal Anodes

S2 - Electroanalysis and Bioelectrochemistry

Room: **6040**

Chaired by Chularat Wattanakit, Sladjana Đurđić & Nina Kovač

14:00 to 14:15 *Invited*

Xiliang Luo (*Chemistry, Qingdao University of Science and Technology, Qingdao, China*)

Fabrication of highly stable antifouling biosensors by novel functional peptide self-assembly strategies

14:15 to 14:30

Kaiyu Fu (*Chemistry & Biochemistry, University of Notre Dame, Notre Dame, USA*)

Surface Charge Effects to Differentiate Structurally Similar Chemicals with Electrochemical Aptamer Biosensors

14:30 to 14:45

Vera Shavokshina (*Chemistry Faculty, M.V. Lomonosov Moscow State University, Moscow, Russia*), Egor Andreev, Irina Baranova, Alexander Chuchalin, Arkady Karyakin, Vita Nikitina, Darya Pozdnyakova

Prussian Blue-Based Electrochemical Sensing of Hydrogen Peroxide in Breath Aerosol: Toward Diagnostics for Oxidative Stress Disorders

14:45 to 15:00

Jutarat Sonjai (*Department of Chemistry, Mahasarakham University, Maha Sarakham, Thailand*), Andrew J. Hunt, Jaroon Jakmunee, Pakin Noppawan, Nidchakarn Theamwong, Jantima Upan

Chrysanthemum indicum L.-Derived Carbon Materials for Electrochemical Detection of Carcinoembryonic Antigen

15:00 to 15:15

Haowei Wang (*Chemistry, Nanjing University, Nanjing, China*), Yi-Tao Long

Operando Collision Electrochemistry Unveils Anisotropy-Dependent Plasmonic-Electrochemical Dynamics in Single Silver Nanoprisms

15:15 to 15:30

Yuanbo Chen (*Institute of Energy Technologies -IET-4, Forschungszentrum Jülich GmbH, Jülich, Germany*), Carsten Korte, Jiangshui Luo, Christian Rodenbücher

Influence of Cation, Anion and Co-solvent on The Bulk Properties of Ionic Liquid-Based Electrolytes for Advanced Lithium Metal Battery Applications

15:30 to 16:00

Coffee Break

Chaired by Xiliang Luo & Kaiyu Fu

16:00 to 16:15 **Invited**

Chularat Wattanakit (*School of Energy Science and Engineering, Vidyasirimedhi Institute of Science and Technology - VISTEC, Rayong, Thailand*), Sopon Butcha, Natthaphong Kaewwan, Marisa Ketkaew, Alexander Kuhn, Watinee Nunthakitgoson

Elaboration of molecular-encoded Pt/Ir alloy surfaces for electrochemical recognition of cannabidiol (CBD) and tetrahydrocannabinol (THC)

16:15 to 16:30

Simona Baluchová (*Department of Analytical Chemistry, Charles University, Prague, Czech Republic*), Josephus G. Buijnsters, Jan Fischer, Anna Kubičková, Martin Šefčík

D-Printed Dual-Function Electrochemical Platform for Sensing and Degradation of Venlafaxine

16:30 to 16:45

Jian Huang (*Advanced Materials and Electrochemical Engineering Research Group, School of Engineering, Newcastle University, Newcastle upon Tyne, UK*)

Study of Synergistic Effect Between Mn_2O_3 and SS, Inconel and Ni Foam for OER

16:45 to 17:00

Fathimath Abbas (*School of Applied Chemistry and Engineering, Changchun Institute of Applied Chemistry, Changchun, China*), Zhiyong Dong, Tadele Eticha, Wenye Gao, Hongzhan Liu, Ala'a Mhmoued Abdllh Alboull, Yu Tian, Guobao Xu

Electrochemiluminescent Glucose Biosensor by Employing a Cobalt-Based Stainless Steel Electrode

S3 - Electrocatalysis and Electrosynthesis

Room: **4039**

Chaired by Tribidasari A. Ivandini, Erika Bustos & Tingting Han

14:00 to 14:15 Invited

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

Entropic Barriers in Electrolytic Water Splitting - “Fingerprints” of
Preexponential Frequency Factor at Electrocatalytic Interfaces

14:15 to 14:30

Shengnan Sun (*Institute of Materials Research and Engineering - IMRE, Agency for Science, Technology and Research - A*STAR, Singapore, Singapore*),
Zhi Wei Seh

The stability of medium/high-entropy rocksalt oxides and their
electrochemical activity

14:30 to 14:45

Jinglun Du (*School of Physics, Northeast Normal University, Changchun, China*), Yasuaki Einaga, Andrea Fiorani, Xintong Zhang

Energy Density–Driven Strategies for Inert Molecule Conversion: From
CO₂ Reduction to Plasma-Based Nitrogen Fixation

14:45 to 15:00

Jinchao Wang (*School of Engineering and Natural Sciences, University of Iceland, Reykjavik, Iceland*), Serhiy Cherevko, Helga D. Flosadóttir, Anna B. Gunnarsdóttir, Árni B. Höskuldsson, Árni S. Ingason, Johan-Michael Kurak, Erik Lewin, Fridrik Magnus, Tatiana Priamushko, Egill Skúlason, Kevin Stojanovski, Arnar Sveinbjörnsson, Tryggvi K. Tryggvason

Understanding the Activity & Stability of Vanadium Oxynitride Thin Films
for N₂ Reduction Reaction by Combining Theory & Operando Measurements

15:00 to 15:15

Nik Maselj (*Department of Materials Chemistry, National Institute of Chemistry, Ljubljana, Slovenia*), Marjan Bele, Nejc Hodnik, Primož Jovanovič, Vasko Jovanovski, Ivan Marić, Kristina Merviç, Francisco Ruiz-Zepeda, Jan Trpudec, Martin Šala

Tuning Electrocatalytic Hydrogenation Selectivity of Furfural via Strong
Metal–Support Interactions in Pd-Based Catalysts

15:15 to 15:30

Xinyu Jin (*School of Materials Science and Engineering, Institute of Science Tokyo, Yokohama, Japan*), Tso-Fu Mark Chang, Chun-Yi Chen, Yung-Jung Hsu, Tomoyuki Kurioka, Satoshi Okamoto, Masato Sone

Synergistic Photocatalytic and Piezocatalytic Organic Dye Degradation by NiFe₂O₄ Nanoparticles

15:30 to 16:00

Coffee Break

Chaired by Aleksandar Zeradjanin & Shengnan Sun

16:00 to 16:15

Hongzhan Liu (*Changchun Institute of Applied Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*), Altaf Hussain, Dmytro Viktorovych Snizhko, Neso Sojic, Guobao Xu, Yuriy Tymofiiiovych Zholudov

Self-Powered Electrochemiluminescence for Imaging the Corrosion of Protective Coating of Metal and Quantitative Analysis

16:15 to 16:30

Tribidasari A. Ivandini (*Chemistry, University of Indonesia, Jakarta, Indonesia*), Rossi Awalidia, Hoeil Chung, Faras K. Jatiputro

Electrochemical Synthesis of Metal Nanodendrites as Substrates for Selective Non-Enzymatic Insulin Sensors using Surface-Enhanced Raman Spectroscopy

16:30 to 16:45

Xin Guo (*School of Physics, Northeast Normal University, Changchun, China*)

Electrocatalytic anode enabling a viologen electrochromic device with a low operation voltage below 1 V

16:45 to 17:00

Nan Chen (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*), Boyu Wang, Weikang Mei, Wei Zhang, Hongyu Wang, Guobao Xu

Improved Performance of Dual-ion Battery by Tailoring the Solvation of Anion Using Trace Sulfolane

S4 - Electrochemical Energy and Electrochemical Machining

Room: 5040*Chaired by Wei-Ren Liu, Peter Rodič & Jintao Zhang***14:00 to 14:15 Invited****Xu Qunjie** (*School of Environmental, Shanghai University of Electric Power, Shanghai, China*)

Study of Nitrogen-Containing Heterocyclic Compounds as Novel Additives for Cobalt Interconnects

14:15 to 14:30 Invited**Dongping Zhan** (*Chemistry, Xiamen University, Xiamen, China*), Wentao Chen, Lianhuan Han, Jiayang Lin

Electrochemical Nanoimprint Lithography Based on Spatially Confined Local Corrosion for the 3D Micro/Nano-Machining

14:30 to 14:45**Jaroslav Wojciechowski** (*Chemical Technology, Poznan University of Technology, Poznan, Poland*), Marek Baraniak, Aleksander Czerwiński, Katarzyna Hubkowska, Grzegorz Lota, Dorota Monikowska, Malgorzata Pajak, Kacper Tokarek, Filip Walkiewicz

Ionic liquids as anticorrosive additives for Ni-MH negative half-cell

14:45 to 15:00**Lianhuan Han** (*Pen-Tung Sah Institute of Micro-Nano Science and Technology, Xiamen University, Xiamen, China*), Jiawei Chen, Yao Liu, Wen Yuan, Dongping Zhan

Fabrication of Free-Form Micro-Optical Structures on Semiconductors via Laser-Modulated Photoelectrochemical Etching

15:00 to 15:15**Chao Chen** (*UFR Chemistry, Université Paris Cité, Paris, France*), Jean-Christophe Lacroix, Frédéric Lafalet, Zakaria Ziani

Ultrathin Light Emitting Electrochemical Cells From Photo and Redox Active Molecular Layers

15:15 to 15:30

Kai Niu (*School of Vehicle and Mobility, Tsinghua University, Beijing, China*)

Electrodes with efficient and low-mobility free radical quenchers for application of PEMFCs in HDV

15:30 to 16:00

Coffee Break

Chaired by Jingshu Hui & Soomin Choi

16:00 to 16:15 **Invited**

Sixu Deng (*Chemical and Materials Engineering, Concordia University, Montréal, Canada*)

Cathode Interfaces in Inorganic All-Solid-State Li-Ion Batteries

16:15 to 16:30

Wei-Ren Liu (*Department of Chemical Engineering, Chung Yuan Christian University, Taoyuan, Taiwan*)

$\text{Li}_{1.3}\text{Al}_{0.3}\text{Ti}_{1.7}(\text{PO}_4)_3$ Solid Electrolytes Synthesized by a Microwave-assisted Hydrothermal Reaction for Li all-solid-state Battery Applications

16:30 to 16:45

Ruiping Liu (*School of Chemical and Environmental Engineering, China University of Mining and Technology, Beijing, China*)

Interfacial Engineering towards long-term cycling for Sulfide-based All-solid-state Li-metal Batteries

16:45 to 17:00

Ran Dong (*KIT Faculty of Chemistry and Biosciences, Helmholtz Institute Ulm, Ulm, Germany*)

In-Situ Polymerization of a Single-Ion Conducting Polymer for Stabilizing the Interfacial Resistance in LLZO-Based All-Solid-State Lithium Batteries

Poster Presentations

Saturday 16 August 2025

13:00-14:00 (during lunch)

All symposia

Sunday 17 August 2025

13:00-14:00 (during lunch)

All symposia

<i>Symposium 1</i>	page 36
<i>Symposium 2</i>	page 38
<i>Symposium 3</i>	page 41
<i>Symposium 4</i>	page 43

S1 - Interfacial Electrochemistry Theory and Characterization Techniques

S1-001

Erika Bustos (*Science, CIDETEQ, Pedro Escobedo, Mexico*), Mónica Cerro, Laura Grissel García de la Cruz, Luis Ricardo Hernández

Valorization of Waste with high Lead and Iron content in the Photo-electrodegradation of Volatile Organic Compounds present in Polluted Air Towards a Circular Economy for Sustainable Development

S1-002

So-Young Joo (*School of Materials Science and Engineering, Pusan National University, Busan, Korea*), Heon-Cheol Shin

Electrochemical Diagnostics of Interfacial Contact Characteristics in Composite Electrodes for All-Solid-State Batteries

S1-003

Charoenkwan Kraiya (*Department of Chemistry, Faculty of Science, Chulalongkorn University, Bangkok, Thailand*), Untika Pengsomjit

Surface and Electrochemical Characterization of Laser-Induced Graphene Electrodes: A Comparative Study with Screen-Printed Graphene Electrodes

S1-004

Zhao Li (*Dept. of Materials, Imperial College London, London, United Kingdom*)

Unlocking the Secrets of Multivalent Batteries: Multiscale Insights via Complementary Characterization

S1-005

Yuanyuan Liu (*Department of Applied Physics, University of Fukui, Fukui, Japan*), Koichi Jeremiah Aoki

Voltammetric peak-to-peak shift by delay of conversion from activity to concentration

S1-006

Bowei Zhang (*Laboratory of Advanced Power Sources, Changchun Institute of Applied Chemistry, Changchun, China*)

Revealing the heterogeneous catalytic kinetics of PtRu nanocatalysts at the single particle level

S1-007

Weiyei Zhang (*Department of Chemistry, Fudan University, Shanghai, China*), Wen-Bin Cai

Au/BDD/Si as a Versatile Platform for Spectroelectrochemistry in Alkaline Media

S1-008

Xinfang Zhang (*Jilin Province Key Laboratory of Low Carbon Chemical Power, Changchun Institute of Applied Chemistry, Changchun, China*)

Flexible disk ultramicroelectrode: facile preparation and high-resolution scanning electrochemical microscopy imaging

S1-009

Yuchen Zhang (*Center for Sustainable Resource Science, RIKEN, Wako, Japan*), Ailong Li, Ryuhei Nakamura, Yuchen Zhang

Investigation of the dissolution mechanism of RuO₂/Ti DSA from the redox insight

S1-010

Yanli Zhao (*Faculty of Chemistry, Northeast Normal University, Changchun, China*)

Li⁺ transport at the electrolyte /COF interface by molecular dynamics simulation

S1-011

David Ibáñez Martínez (*Faculty of Chemistry, Northeast Normal University, Changchun, China*) David Hernández-Santos, Pablo Fanjul-Bolado

Raman spectroelectrochemistry of different carbon nanomaterials deposited on screen-printed electrodes

S2 - Electroanalysis and Bioelectrochemistry

S2-001

Sladjana Đurđić (*Department of Analytical Chemistry, University of Belgrade, Faculty of Chemistry, Belgrade, Serbia*), Pavol Gemeiner, Miroslav Kovač, Dalibor Stanković, Vesna Stanković, Filip Vlahović, Lubomir Švorc

Graphitic carbon nitride@carbon black composite printing ink for designing an electrochemical sensor to detect vanillin in food samples. Theoretical investigation of the sensing mechanism

S2-002

Sladjana Đurđić (*Department of Analytical Chemistry, University of Belgrade, Faculty of Chemistry, Belgrade, Serbia*), Christos Argiris, Aleksandar Mijajlović, Tijana Mutić, Georgia Sourkouni, Vesna Stanković, Dalibor Stanković, Jasmina Vidić, Filip Vlahović

Rare Earth Oxides: different synthesis pathways; structural, morphological, and electrochemical characterization

S2-003

Zhiyong Dong (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*), Yequan Chen, Altaf Hussain, Ala'a Mhmoued Abdllh Alboull, Yu Tian, Shiyu Xia, Guobao Xu

Single-Electrode Flow Cell for Electrochemiluminescent Flow Analysis

S2-004

Xingkai Ju (*School of Applied Chemistry and Engineering, University of Science and Technology of China, Changchun, China*)

Dual-Function Polyionic Liquid Piezoelectric Hydrogel: Combining Antibacterial Activity and Electrical Stimulation for Infected Wound Treatment

S2-005

Jiao Kong (*School of Applied Chemistry and Engineering, University of Science and Technology of China, Changchun, China*)

Label-Free SERS Detection of Molecular Stress Response in the Golgi Apparatus Induced by Electrical Stimulation During Neuronal Cell Differentiation

S2-006

Jing Li (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, CAS, Changchun, China*), Ruixue Zhang

Luminol-Dissolved Oxygen System with Spatial Potential Discrimination
Electrochemiluminescence

S2-008

Si-Min Lu (*ITODYS, Université Paris Cité, Paris, France*), Peter Dalko,
Fayrouz Ben Khelifa, Jérôme Médard, Jean-Marc Noël

Nanoelectrochemical Insight into the Single Polymersomes Activation for
Drug Delivery

S2-009

Dalibor Stanković (*Department of Analytical chemistry, University of Belgrade - Faculty of chemistry, Beograd, Serbia*), Danica Bajuk-Bogdanović,
Jadranka Milikić, Tijana Mutić, Vesna Stanković

Improving Electrocatalytic Efficiency in Carbon Paste Electrodes through
the Incorporation of $\text{Ho}_2\text{Mo}_4\text{O}_{15}$ Nanoparticles for Enhanced
Paracetamol Detection

S2-010

Marcos F. S. Teixeira (*School of Science and Technology, Sao Paulo State University - UNESP, Presidente Prudente, Brazil*), Pedro C. M. Pizzol,
Miqueias L. Portugal, Patricia M. Seraphim, Heitor F. Trevizan

Impedimetric Immunosensor for 5-Methylcytosine Detection Based on a
Poly(o-phenylenediamine)-Encapsulated Gold Nanoparticle Platform

S2-011

Kornautchaya Veenuttranon (*Dalian Institute of Chemical Physics, University of Chinese Academy of Sciences, Dalian, China*), Xianbo Lu

Biomolecule-free Electrochemical Sensor for Ultrasensitive Simultaneous
Rapid Detection of Zearalenone and Ochratoxin A in Feedstuffs & Foodstuffs

S2-012

Jian Wang (*Department of Chemistry, College of Chemistry & Chemical Eng, Xiamen University, Xiamen, China*), Keke Hu, Ruolin Liu, Zhongqun Tian

Spatiotemporal Dynamic Analysis and Interaction Mechanism Study of
Dual-Mode Neurotransmitter Release Using Multi-Channel Nanoelectrodes

S2-013

Hui-Jun Wei (*School of Chemistry and Chemical Engineering, Nanjing University, Nanjing, China*), Yi-Tao Long, Yi-Lun Ying

In Situ Monitoring of Hydrogen Peroxide with Quantum Dots Modified Wireless Photoelectrochemical Nano-probes

S2-014

Wei Zhang (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, CAS, Changchun, China*), Guobao Xu

Utilizing Tantalum Electrode for Quantitative Analysis of Cadmium by Electrochemical Stripping

S2-015

Yan Yan (*School of Applied Chemistry and Engineering, University of Science and Technology of China, Hefei, China*), Youhua Tao

Study on the Bioelectrochemical Properties of Lysine-Based Cationic Polymers

S2-016

Yuhao Zheng (*Department of Chemistry, College of Chemistry & Chemical Eng, Xiamen University, Xiamen, China*), Keke Hu, Xinjing Li, Zhongqun Tian

Single-Cell Amperometry Reveals Paracrine-Mediated Intercellular Communication in Chromaffin Cells

S2-017

Baohua Lou (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, Jilin China*), Guobao Xu

Electrochemical Detection of Matrix Metalloproteinases-9 Released from Different Kinds of Tumor Cells on Microfluidic Chips

S2-018

David Ibáñez Martínez (*Faculty of Chemistry, Northeast Normal University, Changchun, China*) María Begoña González-García, David Hernández-Santos, Pablo Fanjul-Bolado

Electrochemical generation of metal nanostructures with SERS effect for Raman spectroelectrochemistry applications

S3 - Electrocatalysis and Electrosynthesis

S3-001

Khaisa Avchukir (*Center of Physical Chemical Methods of Research and Analysis, Al-Farabi Kazakh National University, Almaty, Kazakhstan*), Binara Dossumova, Magrife Manarbek, Tatyana Shakiyeva

Preliminary Test of Electrodeposited Copper from 1-Butyl-3-Methylimidazolium Bis(trifluoromethylsulfonyl)Imide Ionic Liquid for eCO₂RR

S3-002

Vitor Brasiliense (*PPSM, CNRS/ ENS Paris-Saclay, Gif Sur Yvette, France*), Jean Frédéric Audibert, Vitor Brasiliense, Baptiste Maillot, Fabien Miomandre

Coupled Scanning Electrochemical and Fluorescence Microscopies for Analyzing Plasmon-Driven Chemistry

S3-003

Yuqing Cheng (*CIAC, CAS, Changchun, China*)

Amorphous ZrOx Promotes the Metal-Supporting Interaction of Ir/ZrOx catalysts for Efficient Acidic Water Oxidation

S3-004

Minato Egashira (*College of Bioresource Sciences, Nihon University, Fujisawa, Japan*), Li Li, Dong Tang, Zhi Ping Xu

Recovery of Phosphate on Magnesium Electrode with Immersion Pre-treatment in Inorganic/Polymer Solution

S3-005

Jia-Ao Huang (*Chemistry, Fudan University, Shanghai, China*), Wen-Bin Cai

Decoding Ionomer-Mediated Interfacial Microenvironment and Ion Transport Regulation for Efficient CO₂ Electrolysis

S3-006

Xiaolong Jia (*Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China*), Changpeng Liu, Meiling Xiao, Wei Xing

NH₃ Pyrolysis-Induced Fe-N-C Catalyst Structural Regulation for High-Performance Proton Exchange Membrane Fuel Cells

S3-007

Tiantian Ma (*School of Chemistry, Beihang University, Beijing, China*), Guozheng Li, Hua-Jie Niu, Peng Wang, Tianyi Zhang, Wei Zhou

Heterointerfaces Design for Efficient Catalysts in Water Electrolysis

S3-008

Jing Ni (*CIAC, CAS, Changchun, China*), Changpeng Liu, Meiling Xiao, Wei Xing
High-entropy alloy oxides that suppress lattice oxygen migration achieve stable acidic water oxidation

S3-009

Jinjing Tao (*CIAC, CAS, Changchun, China*)
Boron doping promotes synergistic enhancement of site density and intrinsic activity of Fe-N-C catalyst

S3-010

Peng Wang (*School of chemistry, Beihang university, Beijing, China*),
Tiantian Ma, Hua-Jie Niu, Yu Yan, Tianyi Zhang, Wei Zhou
Design of Efficient Platinum-Based Catalysts for Water Electrolysis

S3-011

Da Xing (*Fakultät für Ingenieurwissenschaften Lehrstuhl Energietechni, University Duisburg-Essen, Duisburg, Germany*)
Activity and durability of perovskite catalysts for the oxygen evolution reaction (OER) using sonication

S3-012

Ming Yang (*CIAC, CAS, Changchun, China*)
Electron-Donating Zr Induces Suppressed Ru Over-oxidation Toward Efficient and Durable Water Electrolysis

S3-013

Fan Yang (*Key Laboratory of UV-Emitting Materials & Technology of Chinese Ministry of Education, Northeast Normal University, Changchun China*)
Nanoporous TiO₂ Electrocatalytic Anode Enabling Flexible Viologen Electrochromic Devices with Ultra-Low Operating Voltage

S3-014

Ghulam Mustafa (*CIAC, CAS, Changchun, China*), Muhammad Arif Nadeem, Tsegu Lijalem, Baohua Lou, Tasneem Omda Edrees Isaa, Guobao Xu
Modulating the Local Electronic Structure of NiFe LDH by Ce-Doping and Interfacial Coupling of CeO₂ Nanorods for Efficient Water Oxidation

S3-015

Wei Liu (*Materials Science & Engineering, Sun Yat-sen Univ, Guangzhou, China*)
Metal Aerogel-Based Proton-Exchanged Membrane Fuel Cell Electrocatalysts

S4 - Electrochemical Energy and Electrochemical Machining

S4-002

Zhihao Chen (*Dept. of Applied Chemistry, Ritsumeikan University, Kusatsu, Japan*), Ken-ichi Okazaki, Yuki Orikasa, Keiji Shimoda, Chengchao Zhong
The Effect of Entropy Engineering on Fluoride Ion Conductivity

S4-003

Shinjiro Hirai (*Department of Applied Chemistry, Ritsumeikan University, Kusatsu, Japan*), Ken-ichi Okazaki, Yuki Orikasa, Keiji Shimoda, Shintaro Tachibana, Chengchao Zhong
Effect of Lanthanoid Substitution on Fluoride Ion Conductivity in
 $\text{La}_{2.7}\text{Ba}_{6.3}\text{F}_{8.7}\text{S}_6$

S4-004

Jang-Yeon Hwang (*Department of Energy Engineering, Hanyang University, Seoul, Korea*)
 Na^+ Site Engineering with Sr^{2+} to Enhance Structural Robustness of
O3-Type NaCrO_2 Cathodes

S4-005

Yi Li (*School of Chemistry, University of Nottingham, Nottingham, United Kingdom*), Zhao Li
Modulating the Coordination Environment of Single-Atom Catalysts:
Impacts on Lithium-Sulfur Battery Performance

S4-006

Haibo Liu (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*), Yunju Wang, Hongyu Wang, Guobao Xu
Uncovering the Unusual Anodic Current during Tetrafluoroborate Anion
Deintercalation from a Graphite Cathode in Ethylene Carbonate

S4-007

Junkun Liu (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*), Jiaxing Qi, Boyu Wang, Yunju Wang, Hongyu Wang, Guobao Xu
Unraveling the Irreversible Storage of Dimethyl Carbonate-solvated
Hexafluorophosphate Anions in Graphite Electrode

S4-008

Ronghui Liu (*School of Chemistry, Beihang University, Beijing, China*),
Chengxing Lu, Jiakun Wang, Tingjiao Xiao, Wei Zhou

Interface engineering of MXene-based nanocomposites for enhancing the reaction kinetics of fast-charging sodium batteries

S4-009

Shixuan Liu (*Department of Applied Chemistry, Ritsumeikan University, Kusatsu, Japan*), Ken-ichi Okazaki, Yuki Orikasa, Honoka Oura, Keiji Shimoda, Chengchao Zhong

Fluoride ionic conductor $\text{LaA}_2\text{F}_3\text{S}_2$ ($A = \text{Ba}, \text{Sr}$) with a double honeycomb structure

S4-010

Sho Miyagi (*Department of Applied Chemistry, Ritsumeikan University, Kusatsu, Japan*), Ken-ichi Okazaki, Yuki Orikasa, Keiji Shimoda, Kazuyoshi Takagi, Chengchao Zhong

Performance evaluation of conversion-type cathode material, AgCuF_3 , in an all-solid-state lithium-ion battery

S4-011

Shuo Wang (*Laboratory of Advanced Power Sources, Changchun Institute of Applied Chemistry, Changchun, China*)

Synthesis of Fe-N-C catalysts with higher Fe single-atom site density by formation of iron nitride intermediates

S4-012

Xinyue Wang (*School of Chemistry, Northeast Normal University, Changchun, China*)

Three Birds with One Stone: In-situ Etching-Constructing Nanocubes Protective Layer Towards Highly Reversible Aqueous Zinc-Iodine Batteries

S4-013

Yuying Wu (*School of Chemistry, Northeast Normal University, Changchun, China*)

Zinc-ion Batteries with Broad and Gentle Flexibility Based on β -CD Hydrogel

S4-014

Liying Xue (*Energy Materials, Leibniz Institute for New Materials, Saarbrücken, Germany*), Chaochao Dun, Oliver Janka, Volker Presser

Multi-Element Synergy to Enhance the Cycling Performance of Oxalates as Anode Materials for Lithium-Ion Batteries

S4-015

Xufan Zhao (*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Changchun, China*), Hongyu Wang, Guobao Xu

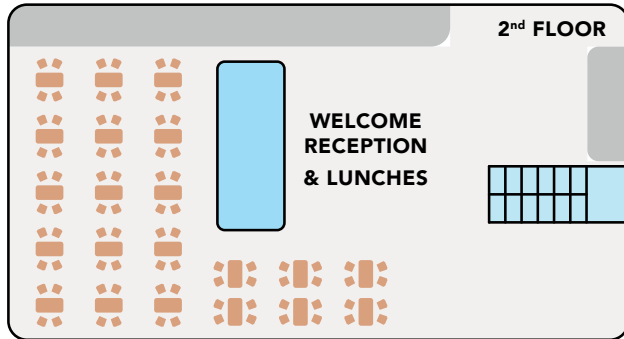
The Cell Realizes Hybrid Storage of Both Lithium and Sodium Cations via Porous Carbon Anode and Sodium Vanadium Phosphate Cathode

S4-016

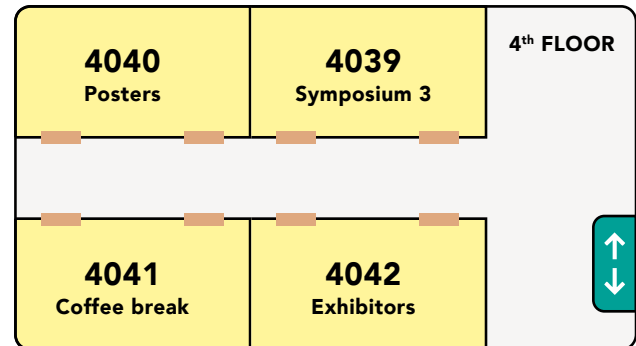
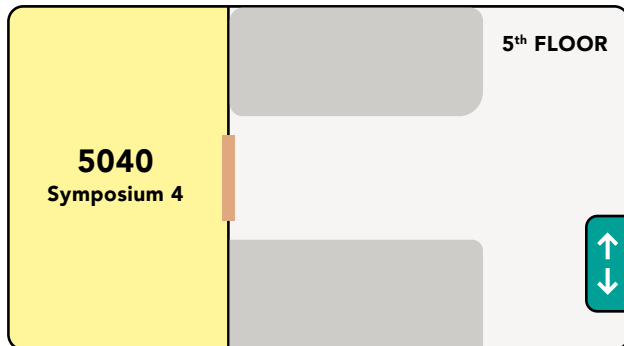
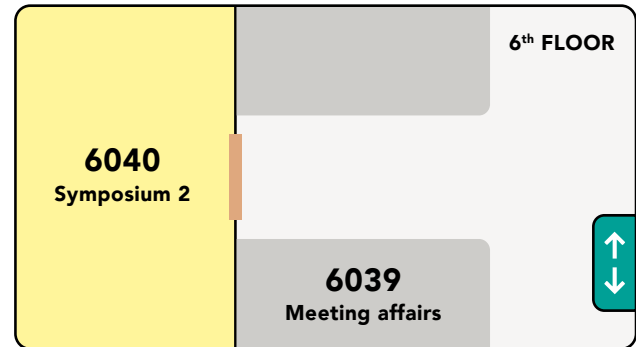
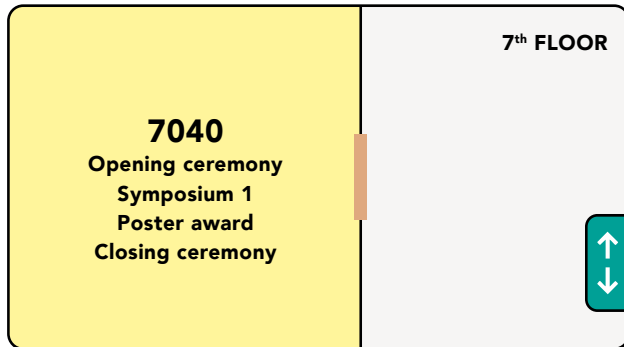
Ding Zhang (*School of Chemical Engineering and Pharmacy, Wuhan Institute of Technology, Wuhan, China*)

The Cathode/Electrolyte Interphase for Sodium Ion Batteries

Canteen Building Plan



Conference Building Plan





40th Topical Meeting of the International Society of Electrochemistry

Conference Schedule 15 - 17 August 2025 *Changchun, China*

FRIDAY 15 August		SATURDAY 16 August				SUNDAY 17 August						
Key to Symposia:		08:20 - 08:30	Opening Ceremony Room 7040									
S1 - Interfacial Electrochemistry Theory & Characterization Techniques		08:30 - 09:00	Keynote - Francesco Paolucci - Room 7040				Keynote - Zhong-Qun Tian - Room 7040					
S2 - Electroanalysis and Bioelectrochemistry												
S3 - Electrocatalysis and Electrosynthesis		09:00 - 09:30	Keynote - Zhiyong Tang - Room 7040				Keynote - Janine Mauzeroll - Room 7040					
S3 - Electrochemical Energy and Electrochemical Machining												
		Room	Room 7040	Room 6040	Room 4039	Room 5040	Room 7040	Room 6040	Room 4039	Room 5040		
		09:30 - 09:45	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited		
		09:45 - 10:00	S1 - Oral	S2 - Oral	S3 - Oral	S4 - Oral	S1 - Oral	S2 - Oral	S3 - Invited	S4 - Oral		
		10:00 - 10:30	Coffee Break Room 4041				Coffee Break Room 4041					
		10:30 - 10:45	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited		
		10:45 - 11:00	S1 - Invited	S2 - Invited			S1 - Invited	S2 - Oral				
		11:00 - 12:00	S1 - Orals	S2 - Orals			S3 - Orals	S4 - Orals			S1 - Orals	S2 - Oral
		12:00 - 14:00	Lunch 12:00 - 14:00 Canteen Building - 2 nd Floor				Lunch 12:00 - 14:00 Canteen Building - 2 nd Floor					
			Poster Session 13:00 - 14:00 - Room 4040				Poster Session 13:00 - 14:00 - Room 4040					
		14:00 - 14:15	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited		
		14:15 - 14:30	S1 - Orals	S2 - Invited		S4 - Invited	S1 - Orals	S2 - Orals		S4 - Invited		
		14:30 - 14:45				S4 - Invited						
		14:45 - 15:00		S2 - Orals		S3 - Orals				S4 - Orals		
		15:00 - 15:15										
		15:15 - 15:30										
		15:30 - 16:00	Coffee Break Room 4041				Coffee Break Room 4041					
		16:00 - 16:15	S1 - Invited	S2 - Invited	S3 - Invited	S4 - Invited	S1 - Invited	S2 - Invited		S4 - Invited		
		16:15 - 17:00	S1 - Orals	S2 - Orals	S3 - Orals	S4 - Orals	S1 - Orals	S2 - Orals		S4 - Orals		
		17:00 - 17:15					Poster Award & Closing Ceremony Room 7040					
Registration Canteen Building - 1 st Floor 17:30 - 19:00												
Welcome Reception Canteen Building - 2 nd Floor 18:30 - 20:30		Evening	Gala Dinner sponsored by Metrohm Electrochemistry & Sensolytics Changchun Hall, Changbaishan Hotel 18:00 - 21:00				Invited Dinner Baihua Hall on 3 rd floor of Redbuds Hotel 17:30 - 20:00					