




08:00 – 08:30	Registration
08:30 – 09:30	<p style="text-align: center;">Opening remarks <i>Session moderated by Alexandru Vlad & Mihaela Buga</i></p> <p style="text-align: center;">Panel discussion <i>Session moderated by Wouter IJzermans</i></p> <ul style="list-style-type: none"> • Johan Blondelle - Policy Officer, European Commission, DG Research & Innovation • Adrian Curaj - Director of the Executive Agency for Higher Education, Research, Development and Innovation Funding, UEFISCDI • Tudor Prisecaru - State Secretary, Ministry of Research, Innovation and Digitalization <ul style="list-style-type: none"> • Sebastian Burdurja - Minister of Energy in the Romanian Government • Mihai Varlam - Director of the National Research and Development Institute for Cryogenic and Isotopic Technologies - ICSI Rm. Valcea
09:30 – 10:00	<p style="text-align: center;"><i>Session moderated by Alexandru Vlad & Mihaela Buga</i></p> <p>Invited Speaker, Patrik Johansson - Entropy Designed Electrodes and Electrolytes</p>
10:00 – 10:30	Coffee break
10:30 – 11:00	Invited Speaker, Magda Titirici - Beyond Li: Na and K battery anodes: progress, challenges and perspectives
11:00 – 11:15	Xilai Xue - Niobium Pentoxide as High-Power Lithium-Ion Anode Material
11:15 – 11:30	Sofia Raviolo - Potassium batteries with lignin-derived highly stable anodes
11:30 – 12:00	<p style="text-align: center;"><i>Session moderated by Robert Dominko</i></p> <p>Invited Speaker, Camélia Matei Ghimbeu - Hard carbons for Na-ion batteries: where we are and can we do better?</p>
12:00 – 12:15	Vanesa Ruiz - Engineered Nano-porosity in Silicon-dominant Anodes for High Energy Density and Low Volume Expansion
12:15 – 12:30	Nihat Fatih Kayacioglu - Upscaling of Tin-Carbon Composites for Sodium-Ion Battery Anode Applications
12:30 – 14:00	Lunch Break & Poster Session
14:00 – 14:30	Invited Speaker, Mircea Dincă - High capacity, long lasting, and fast charging organic cathodes for Li-ion batteries
14:30 – 14:45	Olivera Lužanin - Mechanistic Insights into Organic Electrode Performance in Lithium and Magnesium Batteries
14:45 – 15:00	Catarina Ribeiro - Anthraquinone-based coordination polymers as cathodes for sodium-ion batteries
15:00 – 15:30	Invited Speaker, Philippe Poizot - Redox potential tuning in lithiated carboxyphenolate-based organic electrode materials via cation substitution
15:30 – 16:00	Coffee break
16:00 – 16:30	<p style="text-align: center;"><i>Session moderated by Julia Amici</i></p> <p>Invited Speaker, Aishui Yu - Ameliorating the Nickel-Rich Cathode/Sulfide Solid-State Electrolyte Interface Stability by the Organic/Inorganic Dual Coating</p>
16:30 – 16:45	Jan Bitenc - Development of Multivalent Electrolytes Based on Fluorinated Alkoxyborate and Alkoxyaluminate Salts
16:45 – 17:00	M.Á. Muñoz-Márquez - Electrodes Based on Metal-Organic Frameworks for Anode-Less Na-ion Rechargeable Batteries
17:00 – 17:15	Yuriy Maletin - Hybridization of Li-ion and Supercapacitor Technologies: A Promising Melange
17:15 - 17:30	Closing Day 1
19:00	Galla DINNER

08:30 – 08:45	<p style="text-align: center;"><u>Session moderated by Alina Ciobotaru</u></p> <p>Invited Speaker, Rosalba A. Rincón - <i>The chemistry Europe Journals and publishing Open Access</i></p>
08:45 – 09:15	<p style="text-align: center;"><u>Session moderated by Simon Clark</u></p> <p>Invited Speaker, Alejandro A. Franco - <i>Battery manufacturing: from digital models to digital twins</i></p>
09:15 – 09:30	<p>Ziyuan Lyu - <i>Evolution of Li-metal electrodes analyzed via clustering data mining methods</i></p>
09:30 – 09:45	<p>Daniele Versaci - <i>Tailoring Cathode Materials: Innovative Hybrid High Voltage Electrodes</i></p>
09:45 - 10:15	<p>Coffee break</p>
10:15 - 10:45	<p style="text-align: center;"><u>Session moderated by Alejandro A. Franco</u></p> <p>Invited Speaker, Robert Dominko - <i>Application of Smart Functionalities in Batteries</i></p>
10:45 - 11:00	<p>Manon MIGNON - <i>Molecular-based conductive active material for metal-ion batteries</i></p>
11:00 - 11:15	<p>Charifa Hakim - <i>Functional binders to address transition metal dissolution in LNMO cathode materials</i></p>
11:15 - 11:45	<p>Invited Speaker, Alexandre Ponrouch - <i>Interface and interphase in Calcium and Magnesium Metal Anode Batteries</i></p>
11:45 - 12:00	<p>Florian Leveille - <i>Solvent-free extrusion of polymer electrolytes for all-solid-state batteries</i></p>
12:00 - 12:15	<p style="text-align: center;"><u>Session moderated by Mihaela Buga</u></p> <p style="text-align: center;">Sponsors - ThermoFisher SCIENTIFIC</p> <div style="text-align: right;"></div>
12:15 - 13:45	<p>Lunch Break and Poster Session</p>
13:45 - 14:00	<p style="text-align: center;">Sponsors - BioLogic</p> <div style="text-align: right;"></div>
14:00 - 14:15	<p style="text-align: center;">Sponsors - Metrohm Romania</p> <div style="text-align: right;"></div>
14:15 - 14:30	<p style="text-align: center;"><u>Session moderated by Jan Bitenc</u></p> <p>Wenbo Wang - <i>Novel single-ion conducting polymer electrolyte for lithium-metal batteries</i></p>
14:30 - 14:45	<p>Jurgen Kahr - <i>Investigation of Volatile Electrolyte Decomposition Products with Operando GCMS for Lithium-Ion Batteries</i></p>
14:45 - 15:00	<p>Maxandre Caroff - <i>Investigation of organic electrode reactivity mechanism by TEM and operando XR</i></p>
15:00 - 15:30	<p>Invited Speaker, Simon Clark - <i>The Digital Edge: How Data Drives Battery Breakthroughs</i></p>
15:30 - 16:00	<p>Coffee break</p>
16:00 - 16:30	<p>Invited Speaker, Julia Amici - <i>Towards greener energy storage solutions: biorenewable organogels for Li-O2 batteries</i></p>
16:30 – 16:45	<p>Xuecheng Chen - <i>Recycle plastic waste for the application energy storage</i></p>
16:45 – 17:00	<p>Roberto Colombo - <i>High voltage spinel oxide as cathode material for Li-ion batteries</i></p>
17:00 - 17:30	<p>Closing CEREMONY</p>