

Day 1: Thursday, 25 th of September 2025	
8:15-8:45	Registration
8:45-9:00	Opening - Welcome
PLENARY A	
9:00-9:50	Michel Armand (CIC energiGUNE) <i>The choices beyond Lithium</i>
SESSION A: ELECTROLYTES - LIQUID AND SOLIDS Chair: Shinichi Komaba	
9:50-10:20	Guiomar Hernández (Uppsala University) <i>Polycarbonate-based polymer electrolytes for potassium-batteries</i>
10:20-10:35	Andrea Balducci (Friedrich Schiller University Jena) <i>Glyoxal-based electrolytes for potassium-ion batteries and potassium-ion capacitors</i>
10:35-10:50	Jinyu Chen (Helmholtz Institute Ulm) <i>Anion-Cation Engineering of Quasi-Solid Ternary Polymer Electrolytes for High-Performance K-Ion Batteries</i>
10:50-11:05	Alexandre Botschek (Forschungszentrum Jülich GmbH) <i>Structure and ionic transport in kinetically stabilised $K_{2-x}Ta_{1-x}Zr_xCl_6$</i>
11:05-11:30	Coffee break
SESSION B: CATHODE MATERIALS AND TRANSPORT PROPERTIES Chair: Jelena Popovic-Neuer	
11:30-12:00	Mauro Pasta (University of Oxford) <i>Ion transport in K-ion batteries</i>
12:00-12:15	Marco Carlotti (University of Pisa) <i>Precursor Strategies for the Preparation of High-Molecular Weight Redox-active Conjugated Polymers and Their Use as Organic Cathodes in K-ion Batteries</i>
12:15-12:30	Lorenzo Stievano (Institut Charles Gerhardt Montpellier) <i>Looking for new Mn-based cathode materials for potassium batteries: K_xMnO_4</i>
12:30-12:45	Tomooki Hosaka (Tokyo University of Science) <i>Transition metal silicates and fluorides as potassium insertion hosts</i>

12:45-14:15	Lunch break
SESSION C: DEGRADATION MECHANISM AND INTERFACIAL PROPERTIES Chair: Yang Xu	
14:15-14:45	Fabian Jeschull (Karlsruhe Institute of Technology) <i>Cycle Life Limitations of Graphite Electrodes in Potassium-Ion Batteries</i>
14:45-15:00	Ezzoubair Bendadesse (Humboldt Universität zu Berlin) <i>Enhancing Alloy-Based Anodes in PIBs via Localized High-Concentration Electrolytes</i>
15:00-15:15	Ayaka Mochizuki (Tokyo University of Science) <i>Electrochemical behaviour and potassium insertion mechanism of K_2TiF_6</i>
15:15-15:45	Cofree break
SESSION D: ANODE MATERIALS Chair: Guiomar Hernández	
15:45-16:15	Laure Monconduit (Institut Charles Gerhardt Montpellier) <i>Some advancements about Carbon negative electrodes for K-ion batteries</i>
16:15-16:30	Elizabeth Castillo-Martínez (Universidad Complutense de Madrid) <i>Sustainable anode materials for potassium ion batteries</i>
16:30-16:45	Louiza Larbi (Université de Haute-Alsace) <i>Impact of Hard Carbon Properties on Their Performance in KIBs</i>
16:45-17:00	Group photo
17:00-19:00	Poster session
End of Day 1	

Day 2: Friday, 26 th of September 2025	
PLENARY B	
9:00-9:50	Shinichi Komaba (Tokyo University of Science) <i>Potassium-ion battery as “post sodium- and lithium-ion</i>
Session E: REFERENCES & INTERFACES <i>Chair: Mauro Pasta</i>	
9:50-10:20	Jelena Popovic-Neuer (University of Stavanger) <i>TBD</i>
10:20-10:35	Ben Jagger (University of Oxford) <i>Potassium Alloy Reference Electrodes for Potassium-Ion Batteries</i>
10:35-10:50	Sabrina Trano (Politecnico di Torino) <i>Unveiling the Unexpected: Electrolytes, Anode and Interfaces in Potassium Batteries</i>
10:50-11:05	Gleb Zhekeznov (University Bayreuth) <i>Evaluation of KTP-type Polyanionic Cathode Materials for Potassium-based Batteries</i>
11:05-11:30	Coffee break
Session F: (METAL) BATTERIES <i>Chair: Fabian Jeschull</i>	
11:30-12:00	Yang Xu (University College London) <i>Achieving stable potassium electrodeposition for energy dense potassium metal batteries</i>
12:00-12:15	Max Wacha (Justus-Liebig-Universitaät Gießen) <i>Investigation of the Potassium Metal Anode for the Use in Solid-State Batteries</i>
12:15-12:30	David Peralta (CEA Liten) <i>Gr-PBA full cells development: from the PBA synthesis development until K-ion pouch cells manufacturing</i>
12:30-12:45	Alexandre Urbano (Universidade Estadual de Londrina) <i>Optimizing Potassium-Ion Storage: Sputtering Techniques for High-Performance</i>
12:45-13:00	Poster awards Closing remarks