



1st Virtual International Workshop on Post-Li Research: Women in Focus (27th – 28th July 2021)

The Agenda

Day 1: July 27th, 2021	
08:50 – 09:00	Check-In Audio/Video Checking with explanations of the conference platform
09:00 – 09:20	Greeting & Welcome of Participants Christine Kranz (POLiS Equal Opportunity Officer) (Ulm University) Maximilian Fichtner (POLiS Spokesperson) (Karlsruhe Institute of Technology/Helmholtz Institute Ulm) Francesca Soavi University of Bologna, Italy ISE representative for Division 3 “Electrochemical Energy Conversion & Storage”
Session I: <i>(Chair: Sonia Dsoke)</i>	
09:20 – 10:00	01. Batteries for a better environment – what we have learnt to bring to the future Plenary Speaker: Kristina Edström <i>Uppsala University, Sweden</i>
10:00 – 10:30	02. Multiscale investigation of batteries by advanced operando techniques Invited Speaker: Claire Villevieille <i>LEPMI Laboratory, Grenoble, France</i>
10:30 – 10:45	Coffee Break



10:45 – 11:15	03. Sodium-ion batteries: from materials to cell development Invited Speaker: Ivana Hasa <i>University of Warwick, UK</i>
11:15 – 11:45	04. Diversifying batteries beyond Li-ion: promises and challenges of Na, K and Al-based technologies Invited Speaker: Magdalena Titrici <i>Imperial College London, UK</i>
11:45 – 12:45	Lunch Break
12:45 – 14:45	Poster Parallel Sessions (Breakout Sessions)
Session II: <i>(Chair: Christine Kranz)</i>	
14:45 – 15:25	05. New characterisation approaches in beyond lithium batteries - applications to Na-ion, redox flow and lithium air batteries Plenary Speaker: Clare Grey <i>University of Cambridge, UK</i>
15:25 – 15:55	06. What photoelectron spectroscopy can tell us about the transition from Li-ion to Post-Li batteries Invited Speaker: Julia Maibach <i>Karlsruhe Institute of Technology (KIT), Germany</i>
15:55 – 16:25	07. Developing in-situ methods to track concentration profiles in lithium ion batteries Invited Speaker: Janine Mauzeroll <i>McGill University Montréal, Canada</i>
16:25 – 16:55	08. Interactions between magnesium polysulfides and polymers in Mg/S batteries Invited Speaker: Jennifer L. Schaefer



	<i>University of Notre Dame, Indiana, USA</i>
16:55 – 17:00	End of the day
Day 2: July 28th, 2021	
08:50 – 09:00	Check-In
Session III: <i>(Chair: Ijaz Mohsin)</i>	
09:00 – 09:40	09. Structure-property correlations in Post-Li battery materials Plenary Speaker: Montserrat Casas Cabanas <i>CIC energiGUNE Basque Country, Spain</i>
09:40 – 10:10	10. Self-healing strategies in Li and beyond-Li batteries Invited Speaker: Eliana Quartarone <i>University of Pavia, Italy</i>
10:10 – 10:40	11. Paving the way for K-ion batteries: new advances Invited Speaker: Laure Monconduit <i>Institute Charles Gehardt Montpellier, France</i>
10:40 – 11:00	Coffee Break
Session IV: <i>(Chair: Montaha Anjass)</i>	
11:00 – 11:30	12. MXene compounds as anodes for sodium-ion batteries: structure, defects, electrochemical behavior Invited Speaker: Chiara Ferrara <i>University of Milano-Bicocca, Italy</i>



11:30 – 12:00	13. Redox polymers as organic battery materials Invited Speaker: Birgit Esser <i>University of Freiburg, Germany</i>
12:00 – 12:30	14. Beyond lithium: on the chances and challenges of sodium-based storage systems Invited Speaker: Magdalena Graczyk-Zajac <i>EnBW Energie Baden-Württemberg AG, Karlsruhe, Germany</i>
12:30 – 12:45	Best Poster Award Ceremony
12:45 – 13:00	Closing Ceremony/Wrap Up Sonia Dsoke (Karlsruhe Institute of Technology)