



Annual Conference 2025 PROGRAMME May 5 – Day 0

15:15 – 16:00	Registration	
16:00 – 17:15	How to publish in scientific journals (Lecture hall S1)	Dr. Rosalba Rincon Ovalles, Editor-in-Chief Wiley
17:15 – 18:30	Young scientists networking and discussion (Lecture hall S1)	
18:30 – 21:30	Welcoming reception (foyer castle)	



Annual Conference 2025 PROGRAMME May 6 – Day 1

08:15 – 09:00	Registration and Welcome Coffee + putting up posters	
Session 1	Moderator: Wouter IJzermans (Aula)	
09:00 – 09:10	Open remarks and Welcome	Prof. Dr. Johannes Peter Wessels, Rector, University of Münster
09:10 – 09:15	Open remarks and Welcome	Prof. Dr. Martin Winter, Forschungszentrum Jülich / University of Münster
09:15 – 09:30	Greetings	Wouter IJzermans, BEPA
09:30 – 10:00	BATTERY 2030+	Prof. Dr. Patrik Johansson, BATTERY 2030+, Uppsala University
10:00 – 11:00	Poly(ionic liquids) as a versatile family of polymers for next generation alkali metal batteries	Prof. Dr. Maria Forsyth, Deakin University
11:00 – 11:30	Coffee break (Tent in front of the castle)	
Session 2	Where are we heading? Industry-research interface presentations Moderator: Ilka von Dalwigk (Aula)	
11:30 – 11:45	BASF Battery Materials: Powering Electromobility with Innovation and Commitment	Dr. Aleksandr Kondrakov, BASF



11:45 – 12:00	Verkor's Journey to Industrial Excellence	Dr. Anna Teyssot, Verkor
12:00 – 12:15	Development and Industrialization of next generation lithium batteries at Basquevolt	Michal Piszcz, Basquevolt
12:15 – 12:30	LFP They think it's all over	Dr. Mark Copley, FAAM
12:30 – 13:00	Panel Discussion	
13:00 – 14:30	<i>Lunch break and poster session (Tent in front of the castle)</i>	
13:45 – 14:30	Follow-up discussion of young scientists (Senatssaal)	
14:30 – 15:30	Parallel sessions (Aula and Lecture hall S1)	
	I Session: Battery functionality and interface projects (Aula)	
14:30 – 14:40	Salamander	
14:40 – 14:50	Phoenix	
14:50 – 15:00	HealingBat	
15:00 – 15:10	Opincharge	
15:10 – 15:20	Opera	
15:20 – 15:30	Ultrabat	
	II Session: Recycling and Raw materials projects (Lecture hall, S1)	
14:30 – 14:40	Revitalise	
14:40 – 14:50	Renovate	
14:50 – 15:00	Reuse	
15:00 – 15:10	Cicero	
15:10 – 15:20	Li4Life	
15:20 – 15:30	Streams	
15:30 – 16:00	<i>Coffee break (Tent in front of the castle)</i>	
16:00 – 17:00	Parallel sessions (Aula and Lecture hall S1)	
	I Session: Battery Functionality and Accelerated Materials Discovery (Aula)	
16:00 – 16:10	Inerrant	
16:10 – 16:20	SafeLoop	
16:20 – 16:30	SAGELi	
16:30 – 16:45	Full Map	
16:45 – 17:00	Summary	
	II Session: Manufacturability and Accelerated Materials Discovery (Lecture hall, S1)	
16:00 – 16:15	BatCat	
16:15 – 16:30	Battwin	
16:30 – 16:45	Full Map	
16:45 – 17:00	Summary	
17:00 – 17:30	Poster pitches (Aula)	



	Enhancing the Performance of Aluminium-Graphite Dual Ion Batteries: Comparison of Cathode Composition, and Electrolyte Molar Ratio, in Laboratory and Pouch Cell Formats	Charan Mukundan
	Estimation of Battery Temperature Through Impedance Measurements and Novel Application of DRT- A Sensor-less Approach	Danial Sarwar
	Electrochemical and Physicochemical Characterization of Biomass-derived Anodes for Potassium-ion batteries	Antonio Benigno
	4D Microscale Modelling of Lithium-Ion Battery performance degradation by SEI Growth	Elisa Buccafusco
	Automation of High Throughput Materials Synthesis and Cell Testing for Lithium and Sodium Ion Batteries	Nadia Farag
	Combined Operando and Post-mortem Characterisation of Lithium-ion Batteries	Carleane Reis
	Powering the Future Without PFAS	Amanda Rensmo
	Cycle Life Enhancing Organic Compounds as Electrolyte Additives for SiO_x-Containing Lithium Ion Batteries	Steffen Heuvel
17:30 – 19:00	<i>Poster session and snacks (Tent in front of the castle)</i>	
19:00 – 21:30	<i>Dinner (Tent in front of the castle)</i>	





Annual Conference 2025

PROGRAMME

May 7 – Day 2

08:30 – 08:45	<i>Morning Coffee (Tent in front of the castle)</i>	
Session 3	Moderator: Wouter IJzermans (Aula)	
09:00 – 09:10	Greeting: DG RTD European Commission	Dr. Johan Blondelle, DG RTD
09:10 – 10:00	Towards realization of high-energy lithium metal batteries – high risk, high gain?	Prof. Dr. Martin Winter, Forschungszentrum Jülich / University of Münster
10:00 – 11:00	Young scientist: research presentations	
10:00 – 10:15	Multi-Hydrogen Bond-Based Self-Healing Polymer Separator for Next-Generation Lithium Batteries	Daniele Callegari
10:15 – 10:30	The role of fluorination in the development of novel salts for next-generation lithium-ion batteries	Binayak Roy
10:30 – 10:45	Optimizing Aqueous NMC622 Electrode Manufacturing: A Dual Approach with Machine Learning and Digital Twin Technology	Beñat Larrarte
10:45 – 11:00	Defect Structure Engineering for Next Generation Battery Materials	Anna Windmüller
11:00 – 11:30	<i>Coffee break (Tent in front of the castle)</i>	
Session 4	Scientific presentations Moderator: Prof. Dr. Robert Dominko (Aula)	
11:30 – 11:50	Scaling Sulfide-Based Solid-State NMC-Si Cells	Dr. Sebastien Liatard, CEA
11:50 – 12:10	A primer on Linked Battery Data	Dr. Eibar Flores, SINTEF
12:10 – 12:30	Operando impedance spectroscopy in battery research	Dr. Sara Drvarič Talian, NIC
12:30 – 12:45	Powering Circularity: The Digital Battery Passport for a Sustainable Future!	Sohag Salauddin, BASE
12:45 – 13:00	Presentations of results from young scientist discussions (Aula)	
13:00 – 14:00	<i>Lunch and poster (Tent in front of the castle)</i>	
Session 5	Moderator: Wouter IJzermans (Aula)	
14:00 – 15:00	A follow up of the output from the projects	
15:00 – 15:30	Large European educational program	Dr. Christian Punckt, KIT



15:30 – 16:00	The Fraunhofer FFB as Europe's innovation platform for battery cell production	Prof. Dr. Simon Lux, University of Münster
16:00 – 16:30	Summary and poster awards	Dr. Rosalba Rincon Ovalles, Wiley Margherita Moreno, EERA Prof. Dr. Patrik Johansson, BATTERY 2030+, Uppsala University
17:00 -18:30	Lab Tours	

