

AGENDA

Time	Thursday 17.10.2024
	Morning Session I - Liquid / solid Li extraction technologies (I)
8.50	Symposium Opening
9.00	Michael Schmidt (DERA, Germany) <i>Lithium 2030 „Market Overview and European Perspective“</i>
9.30	Lourdes Yurramendi (Tecnalia, Spain) <i>Novel routes for Li recovery from ores, brines and waste cathode material, combining extraction and membrane electrolysis technologies</i>
10.00	Elisabeth Eiche (KIT, Germany) <i>Lithium resources in geothermal brines of the Upper Rhine Graben and possible extraction technologies</i>
10.20	Coffee Break (10.20 - 11.00)
	Morning Session II - Industry Session
11.00	Nader Akil (PNO Innovations) <i>EU Funding programmes supporting research, innovation or investment</i>
11.15	Thomas Kolbel (EnBW) <i>Lithium from Geothermal Energy: An Economically Attractive Option?</i>
11.30	Mark Harris (Cornish Lithium) <i>Cornish Lithium's Journey to Pilot Plant DLE Testwork</i>
11.45	Alimata Djire (TotalEnergies OneTech - R&D line CO ₂ & Sustainability, CSTJF Pau, France) <i>Direct lithium extraction from Oil and Gas produced waters</i>
12.00	Clio Bosisia & Hussam Aldoori (Lithium de France) <i>Extracting geothermal lithium in France from scratch</i>
12.15	Guillaume Ravier (Électricité Strassbourg, France) & Kateryna Omelchuck (Eramet) <i>Ageli, two experts cooperating to produce battery grade lithium carbonate with low environmental impacts from deep geothermal brine in the French Upper Rhine Graben</i>
12.30	Lunch break (12.30 - 13.45)
	Afternoon Session I - Electrochem. Li extraction & Desalination Technologies
13.45	Volker Presser (Leibniz INM) <i>Electrochemical lithium-ion separation</i>
14.15	Monika Bäuerle (KIT) <i>Lithium recovery from brines using battery electrodes</i>
14.35	Fabio La Mantia (Fraunhofer IFAM) <i>Electrochemical ion pumping for the recovery of lithium from brines: from fundamentals to reactors</i>
15.05	Vito Di Noto (Padova University, Italy) <i>Cation binding - a tool for studying efficiency and selectivity of ion-extraction by ionomers</i>
15.25	Coffee Break (15.25 - 16.10)

	Afternoon Session II - Concentration & Purification of Li-brines
16.10	Joachim Koschikowski & Paul Wöhrlin (Fraunhofer ISE, Germany) <i>Lessons learned from the BrineMine Project and new DLE approaches</i>
16.40	Siri Marie Skaftun (SINTEF, Norway) <i>Recovery of LiOH by advanced electrodialysis</i>
17.00	Tamara Skarke (Fraunhofer ICT, Germany) <i>Free Flow Electrophoresis - A New Application in Lithium Purification</i>
17.20	Kangsheng Bretherton-Liu (Evoe) <i>Next-generation DLE using ultraselective membranes</i>
17.40	Cathrine K. W. Solem (SINTEF, Norway) <i>Recovery of Li by molten salt chlorination</i>
18.00	Group Photo
18.15	Poster Session + Apéro (18.15 - 19.00)

	Friday 18.10.2024
	Morning Session III - Liquid / solid Li extraction technologies (II)
9.00	Bart Michiels (VITO, Belgium) <i>Lithium Recovery via Ion Exchange: the Potential of Structured Lithium Titanates</i>
9.30	Thomas Rudszuck (Vulcan Energy) <i>On the path to the white gold - adsorption-type direct lithium extraction</i>
9.50	Simona Regenspurg (GFZ Potsdam, Germany) <i>Extraction methods for critical raw materials in geothermal fluids - a summary from the EU project "CRM geothermal"</i>
10.10	Coffee Break (10.10 - 10.50)
	Morning Session IV - DLE, Beneficiation and Li leaching
10.50	Katerina Maliachova (NTUA, Greece) <i>Innovations in metallurgical techniques for extracting lithium from mineral resources</i>
11.20	Joshua Fürniß (EnBW, Germany) <i>The Potential of Combined Sorbents - CASCADE Process</i>
11.40	Fabian Nitschke (KIT, Germany) <i>Geothermal Lithium – Potentials, Reservoir Behavior and Scaling</i>
12.00	Valentin Goldberg (BWG-Geochemie) <i>TBA</i>
12.20	Raphael Sieweck (KIT, Germany) <i>Lithium extraction from lithium-ion battery cathode material using a mechanochemical approach</i>
12.40	End of Symposium