

www.LithiumDays.com **2023**

4 - 6 DECEMBER 2023 | Halle (Saale), Germany

Monday, 4 December 2023

Supporting Programme

10:00 h (CET)	Guided tour of the Moritzburg Art Museum Halle (Saale): "The Moritzburg Tour: The Cardinal's Residence"
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Registration and Welcome

Chair: Prof. Dr. Ralf B. Wehrspohn (ITEL – Deutsches Lithiuminstitut GmbH)

12:30 h	++ Registration and lunch snack ++	
14:00 h	Welcome by the Chairman of the Friends of the German Lithium Institute e.V., Andreas Heilmann	
14:20 h	Welcome addresses <ul style="list-style-type: none"> • Thomas Wunsch, State Secretary in the Ministry of Science, Energy, Climate Protection and the Environment of Saxony-Anhalt • Dr. Judith Marquardt, Councillor for Culture and Sport of the City of Halle • Prof. Dr. habil. Christine Fürst, Vice-Rector for Research, Internationalization and Transfer, Martin Luther University Halle-Wittenberg • Prof. Dr. Jörg Bagdahn, President Hochschule Anhalt, University of Applied Sciences • Prof. Dr. Dirk Sackmann, Vice-Rector for Research, Knowledge Transfer and Business Start-ups at Hochschule Merseburg, University of Applied Sciences 	
15:15 h	Announcement new ITEL supporting members	

Session 1: Economy of Lithium

Chair: Prof. Dr. Ralf B. Wehrspohn (ITEL – Deutsches Lithiuminstitut GmbH)

15:25 h	Keynote „Critical Raw Materials Act”	Constanze Veeh, DERA/BGR and Unit for Energy Intensive Industries and Raw Materials at the European Commission
15:55 h	„Lithium – Regulatory implications from CRMA, IRA, CBAM and Battery Directive“	Michael Schmidt, DERA
16:25 h	Status update Guben lithium converter	Dirk Harbecke, Rock Tech Lithium Inc.
16:45 h	++ Coffee break ++	

Guest Country Uzbekistan

Chair: Andreas Heilmann (GP Papenburg AG)

17:15 h	Welcome address	Andreas Heilmann, GP Papenburg AG
17:20 h	Welcome address	Omonullo Nasritdinchodzaev, First Deputy Minister of Finance, Uzbekistan
17:30 h	Musical interlude	
17:40 h	Speech of the Ambassador of the Republic of Uzbekistan to the Federal Republic of Germany	H. E. Dilschod Akhatov
17:55 h	Keynote	N.N., Ministry of Mining and Geology of Uzbekistan
18:25 h	Keynote „Growth markets in Central Asia – Spotlight on Uzbekistan“	Eduard Kinsbruner, Ost-Ausschuss der Deutschen Wirtschaft e.V. (Committee on Eastern European Economic Relations)
18:55 Uhr	„Scientific research collaborations between Germany and Uzbekistan funded by the BMBF. International joint projects supported by the Martin Luther University representative office/CASIB in Almaty“	Dr. Peter Liebelt, Central Asia Sustainable Innovation Bureau (CASIB)
19:15 h	++ Dinner with Uzbek specialties, networking ++	

Tuesday, 5 December 2023

Session 2: Primary Raw Materials

Chair: Prof. Dr. Gregor Borg (ITEL – Deutsches Lithiuminstitut GmbH)

09:00 h (CET)	Keynote „Lithium extraction from geothermal systems in Germany – challenges and opportunities for a local raw material supply“	Valentin Goldberg, Karlsruhe Institute of Technology KIT
09:30 h	„Geochemical characterisation of selected lithium-deposits as a contribution to a proof of origin of lithium minerals“	Nico Kropp, ITEL – Deutsches Lithiuminstitut GmbH
09:50 h	„New results to the ore petrography and metallogeny of the Li-Sn-greisen mineralization in the Schenkenshöhe-Hegelshöhe ore field (eastern Erzgebirge) and remarks to the Li potential of the Erzgebirge-Krušné Hory area“	Prof. Dr. Thomas Seifert, M.Sc. Nikolas Trischler, TU Bergakademie Freiberg
10:10 h	„Spodumene potential in Europe: Portugal as the main target“	Alexandre Lima, University of Porto – FCUP
10:30 h	++ Coffee break ++	
10:55 h	„Circular Economy approaches to lithium exploration, production and stewardship“	Prof. Dr. Frances Wall, Camborne School of Mines, University of Exeter
11:15 h	„Update and current status of the Zinnwald Lithium Project“	Anton du Plessis, Zinnwald Lithium Plc

Poster session

11:35 h	Presentation of scientific poster contributions	
12:35 h	++ Lunch break, networking ++	

Session 3: Lithium Processing Technologies

Chair: Dr.-Ing. Julia Hobohm (GRS Batterien Service GmbH)

13:45 h	Keynote „Laboratory scale pilot testing - a way to optimize $\text{LiOH}\cdot\text{H}_2\text{O}$ or Li_2CO_3 production from different feedstocks“	Prof. Dr. Gerald Ziegenbalg, IBZ - Salzchemie GmbH & Co. KG
14:15 h	„Laser Induced Breakdown Spectroscopy (LIBS) for Inline Process Analysis and Receiving Control of Industrial Lithium“	Martin Zühlke, SECOPTA analytics GmbH
14:35 h	„Highly-pure CO_2 -based solvents for lithium batteries“	Dr. Erik Temmel, Sulzer Chemtech Ltd
14:55 h	„PureLi SM – KBR’s High-Purity Lithium Production Technology“	Dr. Claudia Pudack, KBR
15:15 h	„High Resolution at Low Cost: Novel Inexpensive Instrumentation for Tracing of Lithium Origins and for Recycling“	Jens Riedel, Bundesanstalt für Materialforschung und -prüfung BAM
15:35 h	++ Coffee break ++	

Session 4: Lithium By-products

Chair: Christian Adam (Bundesanstalt für Materialforschung und -prüfung BAM)

16:20 h	Keynote „By-products of Copper refining – Zero Waste“	Dr. Adalbert Lossin, Aurubis AG
16:50 h	„The calculation of by-products: From missing data to unknown scarcities“	Prof. Dr. Ulrich Blum, ITEL – Deutsches Lithiuminstitut GmbH
17:10 h	„Waste to Value: Generating new building materials by upcycling Lithium Aluminosilicate Residues“	Max Niegisch, K-UTEC AG SALT TECHNOLOGIES
17:30 h	„Current status on Normungs-Roadmap Bauwerke (building regulations)“	Sebastian Edelhoff, DIN e.V.
17:50 h	„Neue Mantelverordnung Ersatzbaustoffe“ (German regulatory framework for substitutes of building materials)	Andreas Heilmann, Association of the German Waste Management, Water and Recycling Industry (BDE)
18:15 h	++ Dinner, networking ++	

Wednesday, 6 December 2023

Session 5: Secondary Raw Materials, Recycling

Chair: Harald Schmitt (Knauf Gips KG)

09:00 h (CET)	Keynote „Challenges of the EU Battery Regulation to close the material cycle for Lithium“	Dr.-Ing. Julia Hobohm, GRS Batterien Service GmbH
09:30 h	„Electrochemical lithium recycling through lithium iron phosphate electrodes“	Dr. Stefanie Arnold, INM – Leibnitz Institute for New Materials
09:50 h	„Is the lithium circularity a paradox? Understanding the tensions in the lithium recycling industry in Europe“	America Rocio Quinteros Condoretty, LUT University
10:10 h	„New results from slag research“	Dr. Andreas Neumann, ITEL – Deutsches Lithiuminstitut GmbH
10:35 h	++ Coffee break ++	
11:00 h	Status update on Li-Cycle Magdeburg	Frank Pommerenke, Li-Cycle Germany GmbH
11:20 h	„Development of the Bitterfeld site and friend shoring of the supply chain“	Max Fuhr, Chemiepark Bitterfeld- Wolfen GmbH

Session 6: International Perspectives

Chair: Prof. Dr. Gregor Borg, ITEL – Deutsches Lithiuminstitut GmbH

11:40 h	Keynote „OCP strategy on carbon neutrality“	Bachir Mouhyi, OCP Group, Morocco
12:00 h	Guest country LithiumDays 2024: Tanzania „The mineral resource and investment potential of Tanzania“	Kheri A Mahimbali, Permanent Secretary Ministry Of Minerals of Tanzania
12:20 h	Wrap-up	Prof. Dr. Gregor Borg, ITEL – Deutsches Lithiuminstitut GmbH
12:30 h	Closing remarks, Announcement LithiumDays 2024	Prof. Dr. Ralf Wehrspohn, ITEL – Deutsches Lithiuminstitut GmbH
12:40 h	++ Lunch break ++	

Satellite Conference (external event)

14:00 – 22:00 h	Satellite conference on natural resources law at the Martin Luther University Halle-Wittenberg	Chair: Prof. Dr. Christian Tietje
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Conference Venue

H+ Hotel Halle-Leipzig

Hansaplatz 1

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<https://www.h-hotels.com/en/hplus/hotels/hplus-hotel-leipzig-halle>



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