

www.**LithiumDays**.com **2022**

5 - 7 DECEMBER 2022 Halle (Saale), Germany

MONDAY, DECEMBER 5TH, 2022

- 10:00 (CET) GUIDED MUSEUM TOUR | State Museum for Prehistory Halle (Saale) „The World of the Nebra Celestial Disc – New Horizons“ (in German)
- 12:30 REGISTRATION and small lunch snack
- 14:00 **WELCOME | Andreas Heilmann**, Chairman of the Förderverein des Deutschen Lithiuminstituts e.V.
- 14:20 **WELCOME ADRESSES**
- Dr. Jürgen Ude**, State Secretary of the State Chancellery and Ministry of Culture in Saxony-Anhalt & Staff Office for Major Investments and Structural Change
- Egbert Geier**, Major of the city Stadt Halle (Saale)
- Dr. Hyun Ock Cho**, Ambassador of the Republic of South Korea in Germany (*tbc.*)
- N.N.**, Representative of the rectorate of Martin-Luther-Universität Halle-Wittenberg (*tbc.*)
- Prof. Dr. Chinho Park**, Vice President of Korea Institute of Energy Technology (KENTECH)
- Prof. Dr.-Ing. Markus Krabbes**, Rector at Merseburg University of Applied Sciences
- Prof. Dr. Thomas Hirth**, Vice President for Transfer and International Affairs at Karlsruhe Institute of Technology (KIT)
- 15:00 **TECHNICAL OPENING – Lithium at the Crossroads | Prof. Dr. Ralf Wehrspohn & Prof. Dr. Ulrich Blum**, ITEL and Martin-Luther-Universität Halle-Wittenberg
- 15:15 *title* | **Michael Schmidt**, German Mineral Resources Agency (DERA) of the Federal Institute for Geosciences and Natural Resources (*tbc.*)
- 15:45 *title* | **Dirk Harbecke**, Rock Tech Lithium Inc. (*tbc.*)
- 16:15 Coffee break
- 16:45 **PANEL DISCUSSION – Status of the Lithium Site Germany and Europe**
- with Markus Brüggemann (Rock Tech Lithium Inc.), Michael Schmidt (DERA), Dr. Tobias Elwert (BASF), Dr. Ulrich Wietelmann (Albemarle Germany GmbH)
- Hosts:* Prof. Dr. Ralf Wehrspohn & Prof. Dr. Ulrich Blum, ITEL and Martin-Luther-Universität Halle-Wittenberg
- 18:30 - 21:00 Networking with Buffet and Drinks

TUESDAY, DECEMBER 6TH, 2022

SESSION 1: APPLICATIONS FOR LITHIUM

9:00 (CET) **Keynote:** Overview on current battery technologies | **Prof. Dr. Seokgwang Doo**, Korea Institute of Energy Technology (KENTECH)
title | *N.N., affiliation*

Chair: N.N.

10:30 Coffee break

SESSION 2: LITHIUM RESOURCES

11:00 **Keynote:** Lithium sourcing strategy in South Korea | **Hag-Dong Kim**, Posco (*tbc.*)
Albemarle – ein voll integrierter und diversifizierter Lithiumproduzent | **Dr. Ulrich Wietelmann**, Albemarle Germany GmbH
title | **Prof. Dr. Christian Tietje, LL.M.**, Martin-Luther-Universität Halle-Wittenberg

Chair: Prof. Dr. Gregor Borg, ITEL and Martin-Luther-Universität Halle-Wittenberg

12:30 Lunch

SESSION 3: SUSTAINABILITY REQUIREMENTS FOR LITHIUM ECONOMY

13:45 **Keynote:** *title* | **Anna Wendt**, U.S.DOE/National Energy Technology Laboratory (*tbc.*)
title | **Prof. Dr. Alissa Kendall**, University of California Davis (*tbc.*)
title | **Franziska Haase**, Drees & Sommer (*tbc.*)
Evaluation of Li as toxic material by EU Commission | *N.N., affiliation*
ESG and Ratings | **Prof. Dr. Werner Gleißner**, FutureValueGroup AG
Global battery materials market outlook 2030 – Supply chain risks, regulatory pressure and strategic implications | **Tim Hotz**, Roland Berger GmbH

Chair: Prof. Dr. Ulrich Blum, ITEL and Martin-Luther-Universität Halle-Wittenberg

15:30 Coffee break

SESSION 4: TECHNOLOGIES FOR LITHIUM EXTRACTION

16:00 **Keynote:** *title* | **Prof. Dr. Bernd Friedrich**, Rheinisch-Westfälische Technische Hochschule Aachen
New crystallisation process for battery quality LiOH | **Prof. Dr. Wolfgang Voigt**, TU Bergakademie Freiberg
title | **Prof. Dr. Bengi Yagmurlu**, TU Clausthal
title | **Claudia Pudack**, KBR Sustainable Technology Solutions
title | *N.N.*, GEA messo und Rock Tech Lithium Inc.

Chair: Prof. Dr. Hans Roggendorf, ITEL and Martin-Luther-Universität Halle-Wittenberg

18:30 - 21:00 Networking with Buffet and Drinks

WEDNESDAY, DECEMBER 7TH, 2022

SESSION 5: INTERNATIONAL TRENDS IN ENERGY SOURCES AND LITHIUM

9:00 (CET) **Keynote:** *title* | **Prof. Dr. Andreas Löschel**, Ruhr-Universität Bochum

Projection of European lithium market development | **Tristan Suffys/Peter Handley**,
European Commission DG Growth (*tbc.*)

SUBSESSION: Hydrogen as energy carrier

title | **Dr.-Ing. Joachim Wicke**, Siemens AG and HYPOS Hydrogen Power Storage &
Solutions East Germany e.V. (*tbc.*)

Raw material use for hydrogen production | **N.N.**, affiliation

Hydrogen infrastructure | **N.N.**, affiliation

Chair: Dr. Maria Gaudig, ITEL and Martin-Luther-Universität Halle-Wittenberg

10:30 Coffee break

SESSION 6: CIRCULAR ECONOMY: LITHIUM RECYCLING AND BY-PRODUCT VALUE ADDED

11:00 **Keynote:** Circular economy of mineral raw materials | **Peter Kurth**, BDE Bundesverband der Deutschen Entsorgungs-, Wasser- und Rohstoffwirtschaft e. V. (*tbc.*)

title | **Michael Neumann**, Nickelhütte Aue GmbH (*tbc.*)

Lithium silicate by-products | **N.N.**, Federal Institute for Materials Research and
Testing (BAM)

Slags from the Iron and Steel Industry - An Example of Resource Conservation in
Practice | **Dr. Andreas Ehrenberg**, FEhS – Institut für Baustoff-Forschung (e.V.)

Lithium intermediates from battery recycling as part of a future lithium supply chain
in Europe | **Dr. Tobias Elwert**, BASF Schwarzheide GmbH

title | **Max Fuhr**, Chemiepark Bitterfeld-Wolfen GmbH (*tbc.*)

title | **Dr. Nils Wiecek**, Stiftung GRS Batterien (*tbc.*)

Chair: Dr. Christian Adam, Federal Institute for Materials Research and Testing (BAM)

14:00 Lunch

SUPPORTERS:

RockTech
Lithium

GP
PAPENBURG

KNAUF Gips

baq

SCHWENK
Baustoff leben

GEA Engineering
for a better
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CONFERENCE VENUE AND ARRIVAL

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

CONFERENCE LANGUAGES

Monday, Dec 5th: German

Tuesday and Wednesday, Dec 6th - 7th: English

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