



ReMining 2025

27th-29th of August 2025 | Germany

Saal Europium, Helmholtz Institute Freiberg for
Resource Technology | Chemnitzer Straße 40 | Freiberg

SESSION

ANALYTICS



KEYNOTE

Dr. Kai Bachmann

ERZLABOR Advanced Solutions GMBH

SESSION

TAILINGS



KEYNOTE

Dr. Wolfgang Kunther

Technical University of Denmark

SESSION

SOCIETY & POLITICS



KEYNOTE

Dr. Raphael Deberdt

Colorado School of Mines

SESSION

TECHNOLOGY TRANSFER



KEYNOTE

Dr. Peter Tom Jones

KU Leuven Institute for Sustainable Metals and
Minerals

SESSION

RECYCLING



KEYNOTE

Jan Votava

MANGAN Chvaletice



KEYNOTE

Dr. Konstantin Kiprijanov

Museum für Naturkunde Berlin



KEYNOTE

Prof. Dr. Ajay Patil

Helmholtz Institute Freiberg for Resource
Technology



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Innovative mining waste technologies for holistic recovery and remediation

More info and contact





ReMining 2025

Wednesday, 27th of August

12:30 pm

Registration & Welcome Coffee

01:00 pm

Opening & Welcome Speech

Regina Kraushaar | State Minister for Infrastructure and Regional Development

Prof. Dr. Jens Gutzmer | Director Helmholtz Institute Freiberg for Resource Technology

01:30 pm

ANALYTICS

KEYNOTE: Exploration of a Tailing Storage Facility from a High-Sulfidation Epithermal Gold Deposit

Dr. Kai Bachmann | ERZLABOR Advanced Solutions GmbH (DE)

Resource Estimation of Tailings Based on XRF-MPT-Characterization

Gabriel Gerber | GICON® Resources GmbH (DE)

Digitalization of Flotation Experimentation for Better Usage of Resources and Increased Process Understanding

Dr. Lucas Pereira | Helmholtz Institute Freiberg for Resource Technology (DE)

Long-Time Monitoring of Different Mine Water Treatment Methods for the Removal of As and F in the Ehrenfriedersdorf Tin Mine

Hans-Jürgen Friedrich | Fraunhofer Institute for Ceramic Technologies and Systems IKTS (DE)

Noval Application of a Pulsed Neutron Logging Tool for Primary and Secondary Resource Characterization

Matthew Tudor | Umwelt- und Ingenieurtechnik GmbH Dresden (DE)

03:20 pm

Coffee Break

04:00 pm

TAILINGS

KEYNOTE: Use of Secondary Resources in Construction Materials: Case Studies on Mine Tailings

Dr. Wolfgang Kunther | Technical University of Denmark (DNK)

Bioleaching of Tailings

Dr. Jana Pinka | G.E.O.S: Freiberg Ingenieurgesellschaft mbH (DE)

Fine Particle Tailings Beneficiation for Complete Material Valorization

Dr. Matin Rudolph | Helmholtz Institute Freiberg for Resource Technology (DE)

MindMontan: Innovative Passive Mine Water Treatment Using Vertical Flow Bioreactors

Prof. Dr. Sabrina Hedrich | Freiberg University of Mining and Technology (DE)

Mine Waste Sorting Based on Sensors – Recovery of Polymetallic Ores from Uranium Dumps as a Second Product in the Aggregate Preparation Process

Jakub Progorowicz | COMEX Polska (PL)

06:00 pm

Welcome Reception

07:00 pm

FILM “Europe’s Lithium Paradox”

Dr. Peter Tom Jones | KU Leuven Institute for Sustainable Metals and Minerals

08:00 pm

PANEL DISCUSSION

N.N.



ReMining 2025

Thursday, 28th of August

09:00 am

TECHNOLOGY TRANSFER Session

KEYNOTE: The Chvaletice Tailings Project – High Purity Manganese Products from Mine Waste

Jan Votava | MANGAN Chvaletice (CZE)

Re-Mining of the Tiefenbachhalde – Technology Transfer and Upscaling from recomine

Philipp Büttner | Helmholtz Institute Freiberg for Resource Technology (DE)

From Exploration to Reprocessing: Leveraging Drill-Core Hyperspectral Data for Tailings

Dr. Cecilia Contreras | TheiaX GmbH (DE)

KEYNOTE: Transfer, Collaboration, and Co-Creation: Past and Current Trends in Knowledge and Technology Exchange

Dr. Konstantin S. Kiprijanov | Museum für Naturkunde Berlin (DE)

Real World Lab (RWL) as an Instrument for Technology Transfer

Dr. Stephan Meschke | Freiberg University of Mining and Technology (DE)

10:50 am

Coffee Break

11:00 am

SOCIETY & POLITICS Session

KEYNOTE: Remining and Reprocessing as a Response to Mining's Socio-Environmental and Economic Critiques

Dr. Raphael Deberdt | Colorado School of Mines (USA)

KEYNOTE: (Re)Mine or Not to (Re)Mine CRMs in Europe, That Is the Question

Dr. Peter Tom Jones | KU Leuven Institute for Sustainable Metals and Minerals

Radon Emissions from Mine Waste Heaps in the Region of Příbram (Czech Republic)

Dr.-Ing. Ladislav Pašek | DIAMO State Enterprise (CZE)

Responsible Mining in Europe

Michael Reckordt | PowerShift e.V. (DE)

Digging into the Realities of Transdisciplinary Work in ReMining: Experiences and Perspectives from the German Ore Mountains

Dr. Henriette Rutjes | Helmholtz Center for Environmental Research Leipzig (DE)

01:00 pm

Lunch Break

02:00 pm

RECYCLING Session

KEYNOTE: Sustainable Metallurgy for Circular Economy

Prof. Dr. Ajay Patil | Helmholtz Institute Freiberg for Resource Technology (DE)

The Challenges of Forming Glass from Rest and Waste Materials

Prof. Dr. Sindy Fuhrmann | Freiberg University of Mining and Technology (DE)

Construction Materials from Tailings

Henrik Funke | Steinbeis-Innovationszentrum FiberCrete (DE)

Optimization of Vanadium Recovery from Linz-Donawitz Converter Slag through Acid Leaching and Solvent Extraction

Lakshmikanth Viswasetty | Helmholtz Institute Freiberg for Resource Technology (DE)

03:30 pm

Wrap-Up & Conclusions

06:30 pm

Conference Dinner



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ReMining 2025

Friday, 29th of August

EXCURSION OPTIONS

OPTION A: FREIBERG (09:00 am – 03:00 pm)

- Visit of the recomine-field-laboratory “Davidschacht Tailing Dam”
- Walk to the MindMontan pilot plant (constructed wetland)
- Visit of the Helmholtz Institute Freiberg for Resource Technology
 - Plasma furnace & pyro-metallurgical labs
 - ReMining Plus - hydrometallurgical pilot plant (container)
- Bus transfer from the Freiberg city center and back / lunch box will be provided
- NOTE: Please wear sturdy shoes and appropriate clothing



OPTION B: Ehrenfriedersdorf (08:30 am – 03:00 pm)

- Guided tour to the recomine-field-laboratory in the visitor mine Ehrenfriedersdorf / visit of the pilot plant of the TERZINN project
- Walk to the recomine-field-laboratory “Spülhalde 1” (tailing dam)
- Bus transfer from the Freiberg city center and back / lunch box will be provided
- NOTE: Please wear sturdy shoes and appropriate clothing. We will be happy to provide you with any necessary protective equipment (e.g. lamp, helmet, overall)



OPTION C: Mining Business Game (10:00 am – 02:30 pm)

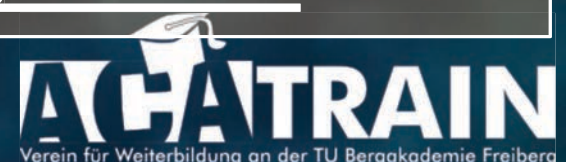
- Interactive business game to understand the perspectives of different mining stakeholders
- Discussion on social aspects and conflicts in mining
- guided by sociologists from the Helmholtz Center for Environmental Research Leipzig (UFZ)
- Location: TU Bergakademie Freiberg
- Lunch box will be provided



Register here for ReMining 2025!



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ReMining 2025

27th - 28th of August, Freiberg

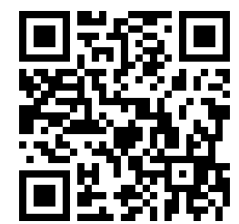
VENUE & PARKING

Conference

Saal Europium, Helmholtz Institute Freiberg for Resource Technology
Chemnitzer Straße 40 | 09599 Freiberg

Parking:

Brückenstraße „Parkplatz am Finanzamt“ & Netto Parking



Welcome Reception & Film

Alte Mensa Freiberg
Petersstraße 5 | 09599 Freiberg



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Conference Dinner

Hotel Kreller
Fischerstraße 5 | 09599 Freiberg

Parking:

Parkhaus „Altstadt“



© Hotel Kreller Freiberg

