



ReMining 2025

27th-29th of August 2025 | Germany
Alte Mensa | Petersstraße 5 | 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

Jan Votava

MANGAN Chvaletice



Keynote

Dr. Konstantin Kiprijanov

Museum für Naturkunde Berlin

SESSION

RECYCLING



Keynote

Prof. Dr. Ajay Patil

Helmholtz Institute Freiberg for Resource Technology



ReMining 2025

Wednesday, 27th of August

12:30 pm **Registration & Welcome Coffee**

13:00 pm **Opening & Welcoming Words**

13:30 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 und 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)

15:20 pm **Coffee Break**

16:00 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. Martin 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)

17:30 pm **Welcome Reception**



ReMining 2025

Thursday, 28th of August

09:00 pm 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)

The MOSMIN Project: SME Innovation Through EU Funding for Sustainable Resource Management
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)

11:00 pm Coffee Break

11:30 am SOCIETY & POLITICS Session

KEYNOTE: Remining and reprocessing as a response to mining's socio-environmental and economic critiques
Raphael Deberdt | Colorado School of Mines (USA)

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)

Social involvement in raw materials research in the Ore Mountains: transdisciplinary cooperation and global responsibility
Dr. Henriette Rutjes | Helmholtz Center for Environmental Research Leipzig (DE)

13:00 pm Lunch Break

14:00 am RECYCLING Session

KEYNOTE: Plasma Furnace Technologies
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

Optimization of Vanadium Recovery from Linz-Donawitz Converter Slag through Acid Leaching and Solvent Extraction
Lakshmikanth Viswasetty | Helmholtz Institute Freiberg for Resource Technology (DE)

15:30 pm WrapUp & Conclusions

18:30 pm Conference Dinner



ReMining 2025

Friday, 29th of August

EXCURSION OPTIONS:

OPTION A: FREIBERG (09:00 am – 15:00 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 City Center and back / Lunch Box will be provided
- NOTE: Please wear sturdy shoes and appropriate clothing.



OPTION B: Ehrenfriedersdorf (08:30 am – 15:00 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 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 Role Play (10:00 am – 14:30 pm)

- Interactive Role Play to understand the Perspectives of different Mining Stakeholders
- Discussion about Social Aspects and Conflicts in Mining
- Guided by Sociologists from the UFZ Leipzig
- Location: TU Bergakademie Freiberg
- Lunch Box will be provided



Register here for ReMining 2025!



ReMining 2025

27th - 28th of August, Freiberg

VENUE & PARKING:

Conference & Welcome Reception

Alte Mensa Freiberg
Petersstraße 5 | 09599 Freiberg

[Alte Mensa on Google Maps](#)

Parking:

[Parkhaus "Altstadt"](#)



Conference Dinner

"Altes Fördermaschinenhaus" am
Silberbergwerk "Reiche Zeche"
Fuchsmühlenweg 9 | 09599 Freiberg

["Reiche Zeche" on Google Maps](#)

Parking & Transfer

- Short Walk from the City Center (2 Km)
- Parking is possible next to the Venue
- Transfer from and back to the City Center will be available.

