



**TUBAF**

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## 74. BHT recomine-Colloquium

June 5, 2024 in Freiberg

Block/topic	Project	Name	Title
8.30 - 9.00	Arrival, registration		
9.00 - 9.15	Welcome talk	Philipp Büttner, Helmholtz Institute Freiberg for Resource Technology	"recomine - Local Alliance on Mining Wastes with Support of a Broad Public Community"
I	Tailings Characterization, Stabilization & Sorting		
9.15 - 9.35	NIRUBIS	Gorig Quaas, Geological State Survey Freiberg GmbH	"Resource estimation of tailings based on XRF / MPT-characterization - experience and lessons learned from case study Spülhalde 1 - Zinnerz Ehrenfriedersdorf"
9.35 - 9.55	DYNOSORT	Dr. Jonathan Engelhardt, Helmholtz Institute Freiberg for Resource Technology	"DYNOSORT: Dynamic Ore Sorting from Polymetallic Stockpiles"
9.55 - 10.15	ReKuMat	Nico Domurath, Fraunhofer Institute for Ceramic Technologies and Systems IKTS	"Development of Recultivation Material for the Qualified Covering of Mining Dumps and Landfills"

<b>10.15 - 10.45</b>	<b>Pause</b>		
<b>II</b>	<b>Tailings Processing</b>		
<b>10.45 - 11.05</b>	TEVLIS	Nailia Rizatdinova, Beak Consultunts GmbH	„Technologies for the Extraction and Processing of Lithium Mica from Tailings in the Ore Mountains: A Case Study of the Bielatal Industrial Tailings Pond (TEVLIS)“
<b>11.05 - 11.25</b>	Re_pNEU	Dr. Martin Rudolph, Helmholtz Institute Freiberg for Resource Technology	„Re_pNEU - Remining Through Fine Particles Processing of Ehrenfriedersdorf Tin Tailings with Innovative PNEumatic Flotation Technology and the Recycling Potential of the Silicate Residues in Paving Stone“
<b>11.25 - 11.45</b>	ResuS	Clemens Hartmann, TU Bergakademie Freiberg	„Challenges of Recycling Mining Contaminated Metal(loid) Rich Subaquatic Sediments at the Hüttenteich Near Freiberg“
<b>11.45 - 12.05</b>	VeharstGlas	Dr. Sindy Fuhrmann / Stephan Sander, TU Bergakademie Freiberg	„The Potential of Tailings and Other Residues for the Fabrication of Glass Fibres“
<b>12.15 - 13.45</b>	<b>Lunch</b>		
<b>III</b>	<b>Transdisciplinary Raw Materials Research</b>		
<b>13.45 - 14.05</b>	ReMiningPlus	Philipp Baumgart, GEOPARK Middle Saxony e.V.	“Geoparks as Mediators for ReMiningPlus Outcomes in Education and Public Relations Work”
<b>14.05 - 14.25</b>	SP3	Henriette Rutjes und Dr. Diana Ayeh, Helmholtz Centre for Environmental Research Leipzig GmbH	"A Toolkit for Societal Inclusion in Raw Materials Research"
<b>14.25 - 14.45</b>	SP3	Sabine Meißner, SAXONIA Site Development and Management Company mbH	„A Guidance to the Regulatory Requirements for Raw Material Research Projects in the Ore Mountains, Germany“

<b>14.45 - 15.05</b>	GeRohTrans	Oscar Choque, Ayni - Association for Resource Justice e.V.	"Towards Global Resource Justice: Implication for Domestic Raw Materials Research"
<b>15.15 - 15.45</b>	<b>Pause</b>		
<b>IV</b>	<b>Mine Water &amp; Slag</b>		
<b>15.45 - 16.05</b>	Waelue	Dr. Ajay Patil, Helmholtz Institute Freiberg for Resource Technology	"Advanced Process Metallurgy Techniques for Implementing Circular Economy with Waelz Slag"
<b>16.05 - 16.25</b>	TERZinn	Hans-Jürgen Friedrich, Fraunhofer Institute for Ceramic Technologies and Systems IKTS	"Mine Water – an Alternative Resource for Hydrogen Production, CO2-Utilisation and Water Supply. Requirements and Treatment Schemas"
<b>16.25 - 16.45</b>	LiDoVa	Dr. Norman Kelly, Helmholtz Institute Freiberg for Resource Technology	"A Holistic Approach for the Recovery of Vanadium from LD Slags"
<b>16.45 - 17.00</b>	<b>Discussion</b>		
<b>17.00</b>	<b>End of the colloquium</b>		