June 5th 2026, ZeHS, Winklerstraße 5, 09599 Freiberg				
Time	**Speaker**	**Affiliation**	**Topic**	**Chair**
09:00	**Greeting**			Hagen Fiebig
09:15 – 10:00	**Keynote: Claudia Kallmeier**	TU Bergakademie Freiberg | Dezernat 5 – Universitätskommunikation	**Science Communication**	
10:00 – 11:00	**Oral Presentations: Session 1 – From Analytics to Modelling**			Debora Pötschke
10:00	Wiebke Hadwich	Institute of Analytical Chemistry, TUBAF	Structural characterization of fractionated beech lignin using NMR and ultrahigh resolution mass spectrometry	
10:20	Donata Wardani	Mining and Specialised Civil Engineering, TUBAF	Investigating CO_2-Induced Excess Pore-Pressure in Saturated Mine Waste: Column Experiment, Reactive Transport and Two-Phase Flow Modelling	
10:40	Florian Tuschner	Institute of Mechanics and Fluid Dynamics, TUBAF	Model order reduction for nonlinear dynamic systems	
11:00 – 13:00	**Poster Session & Lunch Break**			Debora Pötschke
A1	Richa Richa	Centre of polymer and carbon materials, Joint Doctoral school, Silesian university of technology	N-Substituted 3,4-ethylenedioxythiophene (EDOT)–Perimidine Derivatives: Synthesis, Spectroscopic Analysis, and Electrochemical Investigation	
A2	Deepak Varma Thota	Institute of Thermal Engineering, TUBAF	Hydrogen-Induced Stabilization and Aging Kinetics of Additively Manufactured Porous Alumina under High-Temperature Combustion Atmospheres	
A3	Felix Sotohou	Institute of Machine Elements, Engineering Design and Manufacturing, TUBAF	Binder Jetting of PA12 by Inkjet-Assisted IR Sintering Using Graphene and Carbon Black Absorber Inks	
A4	Samaneh Mollashahi	Institute of Thermal Engineering, TUBAF	Co-Digestion of Invasive and Agricultural Biomass: Mesophilic Batch Biogas Production from Giant Hogweed, Canola Straw, and Manure	
A5	Dirk Damaschke	Institute for Nanoscale and Biobased Materials, TUBAF	Fungal Mycelium from Aspergillus niger for Technical Materials: Production and Coating	
A7	Nona Valipour	Institute for Nanoscale and Biobased Materials, TUBAF	Sustainable Electrochemiluminescent Carbon Quantum Dots for Advanced Sensor Applications	
A8	Saskia Münzner	Institute of Inorganic Chemistry, Silicon Chemistry and Chemical Materials Science, TUBAF	Synthesis, characterization and alcoholysis studies of bis(diphenylphosphinato)dimethylsilane	

A9	Hanna Böhme	Institute of Inorganic Chemistry, Silicon Chemistry and Chemical Materials Science, TUBAF	Toward transforming carbon dioxide and silazanes into isocyanates	
A11	Maximilian Mrozik	Geoscientific Collections, TUBAF	Mineralogical characteristics of agates from Chihuahua, Mexico	
A12	Enver Felix Loayza Mora	Institute for Nanoscale and Biobased Materials, TUBAF	Long-Term High-Throughput Microalgal Cell Culture at a Scale-Down Level	
A13	Katja Heise	Institute for Nanoscale and Biobased Materials, TUBAF	Templating reactive materials with heat, water, oil and polysaccharides	
13:00	**Afternoon session**			Sarah Kuß
13:00 – 14:30	**Keynote: Mandy Sabisch**	Perspektivo – Coaching.Training.Mediation.	**Workshop - Appreciative Communication: speak to connect**	
14:30-15:10	**Oral Presentation: Session 2**			Sarah Kuß
14:30	Frederik Adams	Institut für Wirtschafts- und Technikgeschichte, TUBAF	Competition within a Cartel. The Allocation of Market Shares in the German Potash Cartel (1910-1933)	
14:50	Debora Pötschke	Institute of Analytical Chemistry	Development of solid-state standards for two- and three-dimensional elemental spectroscopic measurement methods	
15:10 – 15:30	**Coffee Break**			
15:30 – 16:50	**Oral Presentation: Session 3 – Physics**			Bernhard Berger
15:30	Hadi Firoozi	Institute of Experimental Physics, TUBAF	Unveiling Ultrafast Spin-State Dynamics in $LaCoO_3$: A Combined Tr-XAS and Multi-Body Cluster Theory Approach	
15:50	Nathan Leubner	Institute of Experimental Physics, TUBAF	Time resolved X-ray diffraction study of polarization reversal in uniaxial ferroelectric $BaMgF_4$ single crystals	
16:10	Felix Drechsler	Institute of Theoretical Physics, Institute of Materials Science, TUBAF	RaMap: An Open-Source Workflow for Phase Identification and Mapping via Raman Spectroscopy	
16:30	Oliver Heymer	Institute of Theoretical Physics, TUBAF	Every Configuration Counts – A systematic approach to substitution effects in GaAs	
16:50 – 17:00	**Closing Remarks**			Hagen Fiebig
17:00	**Barbecue**			