

October 7th – 9th 2025, online

US German Workshop on Salt repository Research, Design, and Operation

October 7 th , 2025 – starting 4 pm Berlin time, respectively 8 am MST			
16:00	16:20	Welcome by the organizers	J. Melzer, M. Bühler/PTKA, K. Kuhlman, C. Miller, M. Mills/SNL, P. Herold/BGE TEC
		Welcome by BMUKN	S. Mrugalla/BMUKN
		Welcome by DOE	A. Ward/DOE
Engineered Barrier Systems Chair: C. Miller, J. Melzer			
16:20	16:50	MgO concrete C3 as long-term stable and fast-acting shaft sealing element (Project MgO-C3)	I. Paschke/TUBAF
16:50	17:20	Are low-temperature molten salts suitable for sealing measures of repositories for radioactive waste in the host rock salt? (Project SalVE)	D. Freyer/TUBAF A. Keller/ BGE TEC
17:20	17:30	Break	
17:30	18:00	FUNGUS – Mechanical and Fluidic Investigations on a Half Dam in a Salt Formation	T. Fischer/BGE TEC
18:00	18:30	WIPP Corrosion	R. Schaller/SNL
18:30	19:00	Discussion and wrap-up	Organizing Team
October 8 th , 2025 - starting 4 pm Berlin time, respectively 8 am MST			
16:00	16:10	Welcome by the organizers	Organizing Team
MEASURES/Crushed salt backfilling Chair: K. Kuhlman			
16:10	16:20	Overview of the MEASURES project	L. Friedenberg/GRS
16:20	16:30	Why do we still investigate crushed salt?	M. Rahmig/BGE TEC
16:30	16:50	Pre-compaction tests under isotropic load	N. Saruulbayar/TUC
16:50	17:40	Joint session: Highlighting certain effects of water content on compaction behavior	B. Oosterhout/UU J. Coulibaly/SNL
17:40	17:50	Break	
17:50	18:10	The path to a new constitutive model for the compaction of crushed salt	J. Kupper/IfG
18:10	18:50	Learning together: reflections on the KOMPASS and MEASURES projects (Discussion)	The MEASURES project family
18:50	19:00	Wrap-up	Organizing Team
October 9 th , 2025 - starting 4 pm Berlin time, respectively 8 am MST			
16:00	16:10	Welcome by the organizers	Organizing Team
Modelling and other topics Chair: P. Herold			
16:10	16:40	In-situ and lab-based characetrisation of a Permian evaporitic sequence: case study from Boulby Mine, NE England	J. Harrington/BGS
16:40	17:10	Disposal of Depleted Uranium in Rock Salt	J. Grupa/NRG
17:10	17:40	TH2M-Coupled Numerical Simulations of the Performance of Sealing Elements Built from Salt Blocks	R. Wolters-Zhao/TUC
17:40	17:50	Break	
17:50	18:20	WIPP Room Collapse Modelling	B. Reedlunn/SNL
18:20	18:50	Laboratory Overview of Actinide Chemistry Repository Science Program (ACRSP)	J. Icenhower/LANL
18:50	19:20	Discussion and wrap-up	Organizing Team

