

Georesources beneath our feet

Thursday 16 June 2022

Geodynamics and Geothermal use - House H (10:15 - 11:15)

time	[id] title	presenter
10:15	[12] Structural evolution and the thermal field of the NGB	SCHECK-WENDEROTH, Leni
10:30	[53] Exploration and use of geothermal reservoirs in NE Germany	OBST, Karsten

Geodynamics and Geothermal use - House H (11:45 - 13:30)

-Conveners: Haibing Shao; Judith Bott

time	[id] title	presenter
11:45	[22] Thermal characterization of the North German Basin: Experiments and field campaigns for geothermal exploration	FUCHS, Sven
12:00	[21] GeoFern: Suitability of Mesozoic aquifers for subsurface energy storage in the North German Basin	PIEKARSKI, Jan-Kristian
12:15	[8] Geothermal research activities in the Berlin - Brandenburg region with focus on reservoir fluid properties and their potential for critical raw material extraction	REGENSPURG, Simona
12:30	[16] 3-D horizontal and vertical seismic profiling at the geothermal site Groß-Schönebeck	KRAWCZYK, Charlotte
12:45	[24] Modeling neighborhood-scale shallow geothermal energy utilization: a case study in Berlin	RANDOW, Jakob
13:00	[54] Discussion	

Geodynamics and Geothermal use - House H (14:00 - 15:00)

-Conveners: Sven Fuchs

time	[id] title	presenter
14:00	[13] Georesources and coupled THM models - applications to the NGB	CACACE, Mauro
14:15	[26] An environmental information system for the exploration of energy systems in Schleswig Holstein	RINK, Karsten
14:30	[23] Enhanced NAPL Remediation Caused by Thermal Energy Storage in Shallow Subsurface	SHAO, Haibing
14:45	[25] Parametric optimization and comparative study of an organic Rankine cycle power plant for two-phase geothermal sources	CHEN, Chaofan