

InterPore2024

Monday, 13 May 2024

MS05: 1.1 (11:25 - 12:25)

time	[id] title	presenter
11:25	[37] Microcalorimetric Evaluation of Microbial Activity and Reaction Rate in Sand-packed Porous Media During Microbial-Induced Carbonate Precipitation For CO ₂ Leakage Remediation	COBOS, Jacquelin
11:40	[81] Predicting the tensile strength of sands treated via microbially induced carbonate precipitation (MICP)	CASTRO, Gloria
11:55	[446] Pore-scale hydrodynamics influence the spatial evolution of preferential flow paths in porous media bioclogging system	Ms PENG, Rui
12:10	[729] Exploiting induced carbonate precipitation to improve reservoir storage integrity and geothermal system efficiency	SALTER, Philip

MS05: 1.2 (13:25 - 14:55)

time	[id] title	presenter
13:25	[158] Co-transport of engineered nanoparticles and bacteria in soil	MANIK, Rima
13:40	[1006] Pore-Scale Modeling MICP Process and Investigation of the Effect of Pore Structures on Calcite Distribution	FENG, Dianlei
13:55	[49] Bioclogging during underground hydrogen storage: Assessing impact of biofilm formation on hydrogen injection and recovery.	LIU, Na
14:10	[70] Impacts of viscous fingering on bio-methanation risks during underground hydrogen storage	WANG, Gang
14:25	[637] Field-scale mathematical modelling and simulations of biofilm effects in hydrogen storage	Dr LANDA-MARBÁN, David