

InterPore2025

Thursday, 22 May 2025

MS11: 4.1 (09:05 - 10:35)

time	[id] title	presenter
09:05	[375] Rock microfluidics under pressure: enabling geochemical observations at subsurface conditions	SONG, Wen
09:20	[45] New progressive particle clogging mechanism by dendritic build-up in porous domains.	OKAYBI, Walid
09:35	[256] Microbial transport toward residual chemical contamination trapped in low permeable regions of a microfluidic device with layered structural heterogeneity is optimal at moderate Peclet numbers	FORD, Roseanne
09:50	[54] Coupling microfluidics and Raman spectroscopy to measure concentration gradients in geological porous media	Mr SARR, Mohamadou
10:05	[327] Probabilistic learning of gas wall interaction from molecular Dynamics simulations and applications to gas transport problems in nano micropores	TO, Quy Dong
10:20	[278] Multiscale Analysis of Coupled Free-Flow and Porous Media Systems: Structured and Random Configurations	DEL MASTRO, Mario

MS11: 4.2 (12:05 - 13:05)

time	[id] title	presenter
12:05	[351] Inertia effects on mixing and reactive transport in porous and fractured media	KANG, Peter
12:20	[447] Microfluidic investigation of water-scCO ₂ phase distributions in vesicular basalt pore system proxies	Ms YAO, Kelsey
12:35	[433] PORE-SCALE VISUALIZATION AND ANALYSIS OF MULTIPHASE FLOW IN FRACTURED POROUS MEDIA	AVENDAÑO, Jorge
12:50	[191] Investigation of dissolvable gases transport in vadose zone by using micromodel experiments	LEE, Yung-Wei