InterPore2025

Monday, 19 May 2025

MS08: 1.2 (13:50 - 15:05)

time	[id] title	presenter
13:50	[611] Diffusiophoretic transport of colloids in porous media	PAHLAVAN, Amir
14:05	[562] Enhanced Mixing in Porous Media Through Electroosmotic Flow	SHAMSI, Zahra
14:20	[103] Review of Chaotic Advection in Porous Media	Prof. MAYS, David
14:50	[353] Impact of heterogeneity and its alteration by erosion on solute transport in unsaturated media	Dr HOLTZMAN, Ran

MS08: 1.3 (17:10 - 18:10)

time	[id] title	presenter
17:10	[40] Evaluating the uncertainty of upscaled reaction rates in a structured fluvial aquifer using an ensemble mass transfer particle tracking framework	ENGDAHL, Nick
17:25	[42] Impact of hydrodynamics on accessible mineral surface area	BECKINGHAM, Lauren
17:40	[388] Contribution of soil structure and colloidal particles to the leaching of PFAS in undisturbed soil columns	BECHET, Beatrice
17:55	[366] A Theory of Hydrodynamic Dispersion and Reaction in Porous Media Beyond the Long-Time Limit	HAMID, Md Abdul

Wednesday, 21 May 2025

MS08: 3.1 (09:05 - 10:05)

time	[id] title	presenter
09:05	[287] Visualization and characterization of spreading and mixing at the pore-scale relevant for Geological Carbon Sequestration and Underground Hydrogen Storage	Dr BOON, Maartje
09:20	[154] Dispersed two-phase flow for mixing enhancement in porous media	LIU, Yang
09:35	[115] Solute mixing in Darcy-scale heterogeneous porous media: stochastic and interacting dispersive lamellae	DELL'OCA, Aronne
09:50	[311] A numerical lamellae method based on flow maps	DOMINGUEZ-VAZQUEZ, Daniel

Thursday, 22 May 2025

MS08: 4.3 (14:45 - 15:45)

time	[id] title	presenter
14:45	[608] Residence-timers approach to identify subdomain residence times in composite media like river corridors.	GINN, Timothy
15:00	[255] Fracture regulates statistical steady-state Rayleigh-Darcy convection pattern in porous media	ZHU, Jingwei
15:15	[403] Upscaling transport in heterogeneous porous media featuring local-scale dispersion: Flow channeling, macro-retardation and prediction	HANSEN, Scott