

InterPore2024

Tuesday, 14 May 2024

MS10: 2.2 (12:00 - 13:00)

time	[id] title	presenter
12:00	[77] Pore structure evolution of low-permeability sandstone under acid treatment: a Micro-CT investigation	Prof. ZHANG, Liwei
12:15	[462] Void deformation and connecting visualization in asphalt mixture under dynamic water pressure	SHI, Hao
12:30	[237] Experimental study on optimization of acidizing acidizing fluid in heterogeneous oolitic limestone reservoir	QU, Yanying
12:45	[164] Flow field tomography identifies and quantifies pore opening and clogging in sandstones	FISCHER, Cornelius

Wednesday, 15 May 2024

MS10: 3.1 (10:55 - 11:55)

time	[id] title	presenter
10:55	[226] SEM image segmentation based on deep learning	ZHANG, Ziyun
11:10	[610] An AI-based method to measure pores in imaging data with Avizo Software	Mr HO, Eric Pui Lam
11:25	[287] Inverse gas chromatography, a new technique for correlating surface energy porous media to saturation	KHOEINI, Mohammad Hossein

MS10: 3.2 (12:00 - 13:00)

time	[id] title	presenter
12:00	[293] Darcy-Scale Image Analysis for laboratory CO2 storage and fracture flow	NORDBOTTEN, Jan Martin
12:15	[322] Understanding heterogeneous and anisotropic porous media based on geometric properties extracted from three-dimensional images	LEI, Liang
12:30	[365] Real-world image super-resolution for digital rock analysis	YOU, Shaohua
12:45	[371] Gas Invasion Behaviors and Failure Patterns within Layered Porous Systems Investigated by X-ray CT	GUO, Zhenqi

MS10: 3.3 (14:00 - 15:30)

time	[id] title	presenter
14:00	[378] X-ray microtomography imaging of two-phase fluid flow in water-wet and mixed-wet Bentheimer sandstone	ZOU, Shuangmei
14:15	[413] Pore fluid identification with innovative non-electrical methodology for Ultradeep tight reservoirs	CAI, Liang
14:30	[540] Quantifying the effective porosity of reservoir and source rocks: Multi-scale and multi-approach studies	Dr WANG, Qiming
14:45	[623] Spectral micro-CT imaging of soil: retrieving atomic information and density maps	BOONE, Marijn

Thursday, 16 May 2024

MS10: 4.1 (09:05 - 10:20)

time	[id] title	presenter
09:05	[1041] Pore- and Nano-scale Imaging of Pore Changes During CO ₂ Injection in Sandstone	CHAI, Rukuan
09:20	[848] Non-invasive imaging of solute redistribution below evaporating surfaces using ²³ Na-MRI	CHAUDHRY, Mohammad Ali
09:35	[882] Assessing the Efficacy of Thermal-Sensitive Polymer Gels for Temporary Wellbore Sealing: An X-Ray Computed Tomography Analysis	MOVAHEDI, Hamed