

InterPore2022

Tuesday, 31 May 2022

MS03: Parallel Oral Session 5F (14:20 - 15:20)

time	[id] title	presenter
14:20	[36] Shrinkage-induced cracking in Opalinus Clay: investigation of crack modeling parameters and response in the CD-A experiment	CAJUHI, Tuanny
14:35	[70] Matrix-fracture flow transfer in fractured porous media: experiments and simulations	Mr GUO, Jiafan
14:50	[292] An experimental study of nonlinear flow behavior in fractured porous media by 3D printing technology	Mr WU, Yunlong
15:05	[546] Reactive Transport Modeling of Dissolution/Precipitation in Fractured Porous Media	FAZELI, Hossein

Wednesday, 1 June 2022

MS03: Parallel Oral Session 7F (10:30 - 12:15)

time	[id] title	presenter
10:30	[33] Numerical simulation of desiccation crack nucleation and propagation by a variational phase-field model	Mr YOSHIOKA, Keita
10:45	[189] on the deformation of porous medium by pressurized flow	Mr BACHRACH, Arnold
11:00	[343] Consistent Treatment of Shear Failure of Embedded Discrete Fracture Networks Using XFVM	CONTI, Giulia
11:15	[356] Coupled poro-elasto-plasticity of geomaterials: Simulation and validation	WARREN, Maria
11:30	[457] An Uncertainty Quantification Workflow for Naturally Fractured Reservoirs using Proxy Modelling based on Poro-mechanically Informed Flow Diagnostics Simulations	Mrs GUTIERREZ SOSA, Lesly
11:45	[531] Proppant Transport and Coverage in Rock Fractures –A Computational Modeling Approach	Prof. AHMADI, Goodarz

Thursday, 2 June 2022

MS03: Parallel Oral Session 11F (11:20 - 12:20)

time	[id] title	presenter
11:20	[163] Fractal characterization of time-dependent shape factor for counter-current imbibition in fractured reservoirs	Dr MEI, Lan
11:35	[212] Efficient Solvers based on Hybrid High Order (HHO) methods for flow simulations in fractured rocks.	PICHOT, Géraldine
11:50	[374] Adaptive Conservative Time Integration with Higher Order Schemes for Transport in Fractured Porous Media	LIEM, Michael

MS03: Parallel Oral Session 12F (13:30 - 15:15)

time	[id] title	presenter
13:30	[98] Simulation of CO2 mineral trapping and permeability alteration in fractured basalt: Implications for geologic carbon sequestration in mafic reservoirs	WU, Hao
13:45	[235] Governing Forces in Fractured Reservoirs: A Data-Driven Sensitivity Analysis	HE, Xupeng
14:00	[277] Impacts of fractures on hydrodynamic trapping for CO2 storage in deep saline aquifers	WANG, Yuhang
14:15	[328] Miscible displacement in near-fracture porous media with non-Fickian Diffusion	YU, Fei
14:30	[351] Physics-driven interface modeling of multiphase flow in different scale of subsurface fractures	SONG, wenhui
14:45	[386] A Particle-Tracking Scheme with Adaptive Diffusion for Multiphase Flows in Fractured Porous Media	Mr MONGA, Ranit
15:00	[417] Multiphysics of Fractured Reservoirs in a Unified Modeling Environment	Ms BANNACH, Nancy