

InterPore 2018 MS and GS Schedule

	ROOM A displacement, reactive transport, & CO2 processes	ROOM B non-geologic materials	ROOM C fractured media; oil & gas	ROOM D imaging, micromodels, & experimental	ROOM E shales; nanoporous mat; applications	ROOM F particles, interfaces, & multiphase	ROOM G theory, modeling, & computation	ROOM H pore-scale & multiscale
MON AM	MS 3.11 fundamentals geologic storage of CO2	MS 4.03 applications of biochemical modification	MS 4.30 P&A in leaky GoM MS 2.20 aspects chem EOR	GS3 experimental achievements	MS 1.32 sorption, phase behav, flow in frac black shales	MS 1.19 Int driven proc MS 4.14 wicking in PM	MS 1.02 fractal theory and appl to flow & transp props	MS 2.01 pore-scale model/expt on multiphase flow
MONDAY PM	invited talks							
	MS 1.04 upscaling mixing, dispersion, rxn: pore-to-cont pitches	MS 4.09 biofilm processes MS 4.08 life in porous media pitches	MS 1.33 physico-chemical fluid dynamics of EOR pitches	GS3 (cont) pitches	MS 1.32 (cont) MS 4.25 trans uncon v res pitches	MS 1.26 fundamentals and apps of foam in PM pitches	MS 1.08 non-linear flow: inertia & rheology (pore scl & apps) pitches	MS 1.16 heterogeneity, uncertainty, mult scl groundwater pitches
	poster session							
TUESDAY AM	MS 2.16 understanding gas migration in porous media	MS 2.26 modeling, simul, validation in filtration problems	MS 2.04 transp in solvent- aided thermal heavy oil recovery	MS 2.17 digital imaging and modeling multiscale PM	MS 1.12 fluids in nanoporous media	MS 1.01 multiscale particles transp with multi- phase fluids	MS 2.10 advanced FVM methods for flow & transport	MS 2.23 network models
	MS 2.16 (cont)	MS 4.28 colloids at intrfcs MS 1.21 hyd/mech unsat	MS 2.04 (cont) MS 1.28 coupl frac/nano PM	MS 2.17 (cont)	MS 1.12 (cont)	MS 2.21 num modeling multiphase flow heterogen PM	MS 2.09 flow/transp in PM affected by heterogeneities	MS 4.18 multi-physics at pore scale: expt & numerical
TUESDAY PM	invited talks							
	MS 2.05 misc/immisc visc fingering in subsurface pitches	MS 1.15 soft porous materials pitches	MS 4.11 frcturd carbonates MS 1.06 mass tran frac PM pitches	MS 2.06 new trends in image processing pitches	MS 1.12 (cont) pitches	MS 4.13 natural and engineered nano- particles in PM pitches	MS 1.17 flow of non- Newtonian and complex fluids pitches	MS 1.27 pore-scale proc and upscaling of flow & reaction pitches
	poster session							
WEDNESDAY AM	MS 1.18 reactive transport MS 1.11 transp chrgd spec	MS 3.10 from deformable media to frictional fluids	MS 4.23 fluid-flow / frac phenomena in porous media	MS 1.10 visualizing multiphase flow in microfluidics	MS 1.12 (cont)	MS 4.22 Evolving PM & coupled phys-chem processes	GS1 fundamental theories of porous media	MS 2.15 model & sim: from microstructure to functionality
	MS 1.11 (cont)	MS 2.07 prediction of thermal conductivity PM	MS 4.23 (cont)	MS 1.10 (cont)	MS 1.14 transp nano-porous: theory and MD simul	MS 4.22 (cont)	GS1 (cont)	MS 2.15 (cont)
	MS 4.10 non-consrv transp							
WEDNESDAY PM	invited talks							
	MS 4.05 biochemical mineral precip in subsurface pitches	MS 2.25 + 4.06 modeling of flows in biological systems pitches	MS 2.14 + 2.13 numerical methods for fractured porous media pitches	MS 3.01 applications of NMR methods to porous media pitches	MS 1.24 pore charac and micro effects on flow in unconven pitches	MS 1.25 PM sol/flid interac MS 1.09 intfc dyn & upscal pitches	MS 2.12 high-order schemes for simul of flow/transp pitches	MS 2.08 multiscale meth & uncertainty quantification pitches
	poster session							
THURSDAY AM	MS 4.19 rock-fluid inter-actions & transp in geo materials	MS 3.02 thin fibrous PM MS 4.16 2-phase thin PM	MS 2.11 + 2.19 advances coupled flow/deformation fractured porous	MS 3.08 microns to m: heterogeneity across lab scales	GS4 porous media applications	MS 1.05 drying of PM from pore to macro scale	MS 4.15 Lagrangian meth for scalar transport in PM	MS 2.02 model & sim of subsurface flow at various scales
	MS 1.07 solubility trap- ping of CO2 in geo formations pitches	MS 4.17 tranport through soft porous media pitches	MS 2.03 transport in poro- fractured media: num modeling pitches	MS 3.06 microfluidics and micromodels in PM research pitches	GS4 (cont) pitches	MS 1.23 PM char/model of multiphase flow with capillarity pitches	GS2 computational challenges in PM simulation pitches	MS 2.02 (cont) pitches
THURSDAY PM	poster session							
	invited talks							
	MS 1.07 (cont)	MS 4.04 THMC energy stor MS 4.27 novel energy stor	MS 2.03 (cont)	MS 3.04 mic/nanofluidics MS 3.05 adv micromod fab	MS 1.20 PM evolving mech, theory, application to energy eng	MS 1.23 (cont)	GS2 (cont)	MS 2.02 (cont)