

InterPore 2018 MS and GS Schedule

		displacement, reactive transport, & CO2 processes	non-geologic materials	fractured media; oil & gas	imaging, micromodels, & experimental	shales; nanoporous mat; applications	particles, interfaces, & multiphase	theory, modeling, & computation	pore-scale & multiscale	
MON AM	P1 (8)	3.11 fundamentals geologic storage of CO2	4.03 applications of biochemical modification	4.30 P&A in leaky GoM 2.20 aspects chem EOR	GS3 experimental achievements	1.32 sorption, phase behav, flow in frac black shales	1.19 Int driven proc 4.14 wicking in PM	1.02 fractal theory and appl to flow & transp props	2.01 pore-scale model/expt on multiphase flow	
	I1	invited talks								
MONDAY PM	P2 (5+8)	1.04 upscaling mixing, dispersion, rxn: pore-to-cont pitches	4.09 biofilm processes 4.08 life in porous media pitches	1.33 physico-chemical fluid dynamics of EOR pitches	GS3 (cont) pitches	1.32 (cont) 4.25 trans unconv res pitches	1.26 fundamentals and apps of foam in PM pitches	1.08 non-linear flow: inertia & rheology (pore scl & apps) pitches	1.16 heterogeneity, uncertainty, mult scl groundwater pitches	
		poster session								
TUESDAY AM	P3 (4)	2.16 understanding gas migration in porous media	2.26 modeling, simul, validation in filtration problems	2.04 transp in solvent-aided thermal heavy oil recovery	2.17 digital imaging and modeling multiscale PM	1.12 fluids in nanoporous media	1.01 multiscale particles transp with multi-phase fluids	2.10 advanced FVM methods for flow & transport	2.23 network models	
	P4 (5)	2.16 (cont)	4.28 colloids at intrfc 1.21 hyd/mech unsat	2.04 (cont) 1.28 coupl frac/nano PM	2.17 (cont)	1.12 (cont)	2.21 num modeling multiphase flow heterogen PM	2.09 flow/transp in PM affected by heterogeneities	4.18 multi-physics at pore scale: expt & numerical	
TUESDAY PM	I2	invited talks								
	P5 (7+8)	2.05 misc/immisc visc fingering in subsurface pitches	1.15 soft porous materials pitches	4.11 frcturd carbonates 1.06 mass tran frac PM pitches	2.06 new trends in image processing pitches	1.12 (cont) pitches	4.13 natural and engineered nano-particles in PM pitches	1.17 flow of non-Newtonian and complex fluids pitches	1.27 pore-scale proc and upscaling of flow & reaction pitches	
WEDNESDAY AM	P6 (4)	1.18 reactive transport 1.11 transp chrgd spec	3.10 from deformable media to frictional fluids	4.23 fluid-flow / frac phenomena in porous media	1.10 visualizing multiphase flow in microfluidics	1.12 (cont)	4.22 Evolving PM & coupled phys-chem processes	GS1 fundamental theories of porous media	2.15 model & sim: from microstructure to functionality	
	P7 (5)	1.11 (cont) 4.10 non-consrv transp	2.07 prediction of thermal conductivity PM	4.23 (cont)	1.10 (cont)	1.14 transp nano-porous: theory and MD simul	4.22 (cont)	GS1 (cont)	2.15 (cont)	
WEDNESDAY PM	I3	invited talks								
	P8 (7+8)	4.05 biochemical mineral precip in subsurface pitches	2.25 + 4.06 modeling of flows in biological systems pitches	2.14 + 2.13 numerical methods for fractured porous media pitches	3.01 applications of NMR methods to porous media pitches	1.24 pore charac and micro effects on flow in unconven pitches	1.25 PM sol/flid interac 1.09 intfc dyn & upscal pitches	2.12 high-order schemes for simul of flow/transp pitches	2.08 multiscale meth & uncertainty quantification pitches	
THURSDAY AM	P9 (6)	4.19 rock-fluid interactions & transp in geo materials	3.02 thin fibrous PM 4.16 2-phase thin PM	2.11 + 2.19 advances coupled flow/deformation fractured porous	3.08 microns to m: heterogeneity across lab scales	GS4 porous media applications	1.05 drying of PM from pore to macro scale	4.15 Lagrangian meth for scalar transport in PM	2.02 model & sim of subsurface flow at various scales	
	P10 (4+6)	1.07 solubility trapping of CO2 in geo formations pitches	4.17 transport through soft porous media pitches	2.03 transport in poro-fractured media: num modeling pitches	3.06 microfluidics and micromodels in PM research pitches	GS4 (cont) pitches	1.23 PM char/model of multiphase flow with capillarity pitches	GS2 computational challenges in PM simulation pitches	2.02 (cont) pitches	
THURSDAY PM		poster session								
	I4	invited talks								
	P11 (5)	1.07 (cont)	4.04 THMC energy stor 4.27 novel energy stor	2.03 (cont)	3.04 mic/nanofluidics 3.05 adv micromod fab	1.20 PM evolving mech, theory, application to energy eng	1.23 (cont)	GS2 (cont)	2.02 (cont)	