## Poster Session Presentations

*Crandall, Warzinski & O'Connor*, **Examining How CO2 Displaces Brine at the Pore Level**

*Mehmani,Prodanović & Javadpour*, **Investigating gas permeability in shales using multi-physics and multi-scale network modeling**

*Tokan-Lawal, Prodanovic & Zuleima*, **Relative Permeability of microfractured formations**

*Vermorel, Botan, Brochard, Hantal & Pellenq*, **Multi-scale models of kerogen in gas shales**

*Dodge & Baker*, **Numerical Modeling of an Experimental Method for Characterizing Fluid Flow in Porous Materials**

*Gregorova, Pabst, Cerny & Cerny*, **Porous Alumina and Zirconia Ceramics with Tailored Elasticity and Well-Defined High-Temperature Properties**

*Merel, Ferrari, Leclerc & Stemmelen*, **Measurements of dispersion in porous media by NMR technique**

*Rodriguez & Gouze*, **Reversible skeletonization and applications to the characterization of porous media**

*Saad, Caro & Saad*, **Transfer of hydrogen in waste nuclear storage : numerical comparison of static and dynamic mass exchange**

*Taghdirian & Boroomand*, **Exponential Basis Functions (EBFs) in Solution of Two-dimensional Thermoelasticity problems**

*Vabishchevich & Vasilyeva*, **Pressure problem for multiphase filtration and parallel solution algorithms**

*Wang & Xu*, **Deformation mechanisms of shore slope under wave induced seepage and stress coupling**

*Benes, Illangansekare & Zak*, **Model of Soil Freezing and Thawing**

*Yuan & Shapiro*, **Percolation of particles in pores**

*Raoof, Spiers & Hassanizadeh*, **Reactive Pore-Scale Modeling of Porosity-Permeability Relation in Porous Media**

*Palakurthi, Comer, Champhekar & Ghia*, **Permeability Evaluation of Saturated Thin Fibrous Porous Media using OpenFOAM, an open-source CFD Code**

*Reddy Perati, Gurijala & Bandari*, **Study of the plane strain vibrations of thick-walled hollow poroelastic cylinder with polygonal cross section**

*Parashar & Reeves*, **Comparative Performance of Various Krylov Subspace Iterative Methods for Computaton of Flow in Two-Dimensional Discrete Fracture Networks**

*Delgado, Romero & Kumar*, **Scalability Analysis of Parallel Numerical Solvers for Linear Pore-scale Network Simulation**

*Noborio & Aoki*, **Does Clay Structure Affect Heat Transfer in Salt-Affected Soil?**

*Rodriguez, Malvault, Ahmadi, Ambari, Bruneau, Champmartin & Omari*, **On the Determination of Pore size distribution from Injection of yield stress fluids through model porous media**

*Imran, Schotting & Kleingeld*, **Thermographic experiments and modeling of thermal dispersion effects on temperature distributions in saturated porous media**

*Zhang, Hassanizadeh, Karadimitriou, Kleingeld & Imhof*, **Visualization of Colloid Transport in a PDMS micro-model with Confocal Microscope**

*Hahn & Lehmann*, Influence of spatial resolution on accuraacy and computational efficiency in simulations of fibrous filter media