Annual Industrial Affiliates Meeting 2016
TUESDAY, NOV. 1, 2016
Posters Room 108

PRESENTER	TITLES
Tameem Almani	*The global inexact Newton method as a nonlinear solver framework for flow in multirate iteratively coupled problems*
Yerlan Amanbek	*Adaptive time-stepping for non-linear reactive transport problems*
Todd Arbogast	*Two families of H(div) mixed finite elements of minimal dimension on quadrilaterals*
Saumik Dana	*Overlapping domain decomposition for non-matching grids in MPI paradigm using L^2 projections*
Rencheng Dong	*A locally conservative enriched Galerkin method for two-phase flow in porous media*
Chieh-Sen Huang	*A semi-Lagrangian finite difference WENO scheme for scalar nonlinear conservation laws*
Mohamad Jammoul	*Stress dependent permeability: model for elastic deformations*
Hojung Jung	*An integrated case study of the Frio CO_2 sequestration pilot test for safe and effective carbon storage including compositional flow and geomechanics*
Devesh Kumar	*Dynamic data assimilation within an indicator framework using an ensemble*
Xueying Lu	*2D transient simulation of conjugate natural convection and radiation within thermal wellbore annuli*
Azor Nwachukwu	*History matching using the probability perturbation method*
Socratis Petrides	*An adaptive DPG method for high frequency time-harmonic wave propagation problems*
Zhuang Sun	*Degradation of sandstone fracture toughness due to CO_2 alteration through discrete element modeling of scratch tests*
Zhen Tao	*Low order H(div) mixed finite elements of minimal dimension on hexahedra*
Eddie Udegbe	*Feature identification from BIG reservoir data sets*
Ali Vaziri	*Novel algorithms for characterizing layered media and application to near-surface geophysics, nondestructive testing, and biomedical imaging*
Bicheng Yan	*An unstructured simulation framework for fractured reservoir modeling*
Hongtao Yang	*Pore-network modeling of particle retention in porous media*