

Juanes Group Schedule

AGU Fall Meeting, December 12-16, 2016

MONDAY, DECEMBER 12

Alina Tyukhova

Coupled flow and geomechanics modeling of fracture reactivation and induced seismicity in the Basel geothermal field

(Poster, H13G-1473 13:40 - 18:00 Moscone South Poster Hall)

TUESDAY, DECEMBER 13

Abdelaziz Beljadid

Phase-field modeling of unstable infiltration coupled with evapotranspiration and stochastic rainfall in heterogeneous field soils

(Poster, H23D-1569 13:40 - 18:00 Moscone South Poster Hall)

THURSDAY, DECEMBER 15

Mohammad AlAdwani

Prediction of velocity distribution from pore structure in 3D porous media

(Oral, H43N-02 13:55 - 14:10 Moscone West-3014)

Josimar Alves da Silva

Coupled Flow and Geomechanics Modeling of Slow Earthquakes: Application to Slow Slip Events in the Guerrero Gap, Mexico

(Oral, S43D-05 14:40 - 14:55 Moscone South-305)

Marie-Julie Dalbe

Deformation of a 3D granular media caused by fluid invasion

(Oral, H44A-04 16:45 - 17:00 Moscone West-3020)

Luis Cueto-Felgueroso

Modeling multiphase, multicomponent flows at the pore scale: Wetting phenomena and non-equilibrium phase behavior

(Oral, H44C-04 16:45 - 17:00 Moscone West-3014)

FRIDAY, DECEMBER 16

Ruben Juanes

Wettability control on multiphase flow in patterned microfluidics
(Oral H51O-02 08:20 - 08:35 Moscone West-3014)

Benzhong Zhao

Wettability Effects on Fluid-Fluid Displacement in a Capillary Tube
(Poster H51B-1439 08:00 - 12:20 Moscone South Poster Hall)

Jane Chui

Impact of Motile Bacterial Suspensions on Viscous Fingering and Mixing
(Poster H51D-1499 08:00 - 12:20 Moscone South Poster Hall)

Peter Kang

Impact of Stress on Anomalous Transport in Fractured Rock
(Poster H51C-1473 08:00 - 12:20 Moscone South Poster Hall)

Zhibing Yang

Pore pressure control on faulting behavior in a block-gouge system
(Poster T51B-2915 08:00 - 12:20 Moscone South Poster Hall)

David Santillán

Phase-field models for fluid-driven fractures in elastic and porous media: validation of the model and fracture patterns.
(Poster H53D-1735 13:40 - 18:00 Moscone South Poster Hall)

Amir Pahlavan

Immiscible displacement in a rough fracture: beyond Darcy's law
(Oral H53M-03 14:15 - 14:30 Moscone West-3014)

Xiaoqing Fu

Experiments and Phase-field Modeling of Hydrate Growth at the Interface of Migrating Gas Fingers
(Oral OS54A-01 16:00 - 16:15 Moscone West-3011)

Ruben Juanes

Impact of capillarity and wettability on fracturing in granular media
(Oral H54C-01 16:00 - 16:15 Moscone West-3020)

David Castineira

Inverse Problem for 3D coupled Flow-Geomechanics Models and Induced Seismicity: Application to Subsurface Characterization and Seismicity Forecasting in Geologic CO₂ Storage
(Oral T54B-02 16:15 - 16:30 Moscone West-306)