

Juanes Group Schedule

AGU Fall Meeting, December 14-18

TUESDAY, DECEMBER 15

Birendra Jha

Reservoir Characterization in an Underground Gas Storage Field Using Joint Inversion of Flow and Geodetic Data
(Poster, H21E-1411 08:00 - 12:20)

THURSDAY, DECEMBER 17

Xiaojing Fu

Viscous fingering with partially miscible fluids
(Poster, H41D-1356 08:00 - 12:20 Moscone South Poster Hall)

Benzhong Zhao

Wettability control on fluid-fluid displacements in patterned microfluidics
(Poster H41D-1355 08:00 - 12:20 Moscone South Poster Hall)

Luis Cueto-Felgueroso

Rugged Energy Landscapes in Multiphase Porous Media Flow: A Discrete-Domain Description
(Oral H44E-01 16:00 - 16:20 Moscone West 3016)

Amir Pahlavan

Wetting and Roughness: Pattern Formation in a Rough Fracture
(Oral 16:40 - 16:55 Moscone West 3016)

FRIDAY, DECEMBER 18

Josimar Alves da Silva

Impact of normal stress on multiphase flow through rough fractures
(Poster H51L-1549 08:00 - 12:20 Moscone South Poster Hall)

Jane Chui

Impact of Viscous Fingering on Mixing
(Poster H51F-1428 08:00 - 12:20 Moscone South Poster Hall)

Ben Scandella

Spatiotemporal signature of methane venting from lake sediments: from lab to field scale
(Poster B51F-0485 08:00 - 12:20 Moscone South Poster Hall)

Marie-Julie Dalbe

Visualizing 3D Fracture Morphology in Granular Media
(Poster H51L-1557 08:00 - 12:20 Moscone South Poster Hall)

Mathias Trojer

Wettability Control on Hydro-capillary Fracturing in Granular Media
(Poster H51L-1550 08:00 - 12:20 Moscone South Poster Hall)

Zhibing Yang

Effect of Pore Pressure on Slip Failure of an Impermeable Fault: A Coupled Micro Hydro-Geomechanical Model
(Poster H51L-1556 08:00 - 12:20 Moscone South Poster Hall)

Ruben Juanes

Fracturing in granular media: the role of capillarity, wetting, and disorder
(Oral MR53A-05 14:55 - 15:15 Moscone South 300)

Birendra Jha

Coupled Modeling of Flow, Transport, and Deformation during Hydrodynamically Unstable Displacement in Fractured Rocks
(Oral H54F-01 16:00 - 16:15)

David Santillán

Modeling the Impact of Fracture Growth on Fluid Displacements in Deformable Porous Media
(Oral H54F-03 16:30 - 16:45 Moscone West 3018)

Peter Kyungchul Kang

Emergence of Anomalous Transport in Stressed Rough Fractures
(Oral H54C-03 16:30 - 16:45 Moscone West 3016)

