

Session Program

May 14 - 17, 2018



InterPore 10th Annual Meeting and Jubilee
May 14-17 2018, New Orleans, USA
interpore.org/neworleans



InterPore2018 New Orleans

Parallel 5-H

New Orleans

Tue, May 15

2:35 PM

Parallel 5-H

Session | Location: New Orleans

2:37 – 2:52 PM

Fluid-solid reaction in single and multiphase flows by geo-material microfluidics

Speaker

Joaquin Jimenez-Martinez

2:55 – 3:10 PM

Precipitation and dissolution of cement minerals in sandstone: Opportunities and limitations of pore and plug scale flow analysis for reactive transport modelling approaches

Speaker

Cornelius Fischer

3:13 – 3:28 PM

Multiscale Calculation of Two-phase Flow in Digital Core Analysis

Speaker

Dr Xiaobo Nie

3:31 – 3:39 PM

Short Break

3:40 – 3:55 PM

Studying the impact of electrode pore structure on redox flow battery performance with multiphysics pore network modeling

Speaker

Dr Jeff Thomas Gostick

3:58 – 4:13 PM

Direct pore-scale modeling of thermal dispersion in granular porous media: the effect of medium heterogeneity

Speaker

Saied Afshari

4:16 – 4:31 PM

Multi-scale modeling of coupled diffusion-electrochemical reaction for porous micro-electrodes incorporating enzymatic catalysis

Speaker

Didier Lasseux

4:34 – 4:49 PM

Empty oral slot

4:52 – 4:54 PM

Stable and efficient time integration at low capillary numbers of a dynamic pore network model for immiscible two-phase flow in porous media

Speaker

Magnus Aa. Gjennestad

4:55 - 4:57 PM

Improving the Monte Carlo algorithm for pore-network simulations of immiscible two-phase flow in porous media

Speaker

Dr Santanu Sinha

4:58 - 5:00 PM

Investigation of mineralogical heterogeneity in chemical dissolution of sandstones

Speaker

Min Liu

5:01 - 5:03 PM

Tracer Transport Characterization of Interactions Between Resident and Infiltrating Water During Drainage-Imbibition Cycles

Speaker

Mr Pei Li

5:04 - 5:06 PM

Empty pitch slot

5:07 - 5:09 PM

Empty pitch slot

5:10 - 5:12 PM

Empty pitch slot

5:13 - 5:15 PM

Empty pitch slot

5:15 PM