

## Session Program

May 14 - 17, 2018



InterPore 10th Annual Meeting and Jubilee  
May 14-17 2018, New Orleans, USA  
[interpore.org/neworleans](http://interpore.org/neworleans)



## InterPore2018 New Orleans

### Parallel 8-F

New Orleans

# Wed, May 16

2:35 PM

## Parallel 8-F

Session | Location: New Orleans

2:37 - 2:52 PM **A Terzaghi-Like Principle for Swelling Porous Materials**

**Speaker**

Lynn Schreyer

2:55 - 3:10 PM

**Upscaling Anomalous Gas Behavior in Nanopores in a Multiporosity Shale Gas: Impact on Macroscopic Mass Transfer and Shape Factors**

**Speaker**

Ms Patricia Pereira

3:13 - 3:28 PM

**SAP-enhanced mortars: A multi-phase and multi-species modeling approach**

**Speaker**

Malte Sauerwein

3:31 - 3:39 PM

**Short Break**

3:40 - 3:55 PM

**Simulation of two-phase flow by diffuse interface methods**

**Speaker**

Chen Liu

3:58 - 4:13 PM

**Direct experimental measurement of the pair correlation function during the slow drainage of a porous medium**

**Speaker**

Dr Marcel Moura

4:16 - 4:31 PM

**Impact of disorder on pressure saturation curves, and graph theory shedding light on the life and death of capillary bridges and films pathways.**

**Speaker**

Renaud Toussaint

4:34 - 4:49 PM

**Wettability and flow rate impacts on immiscible displacement: a theoretical model**

**Speaker**

Prof. Ran Hu

4:52 - 4:54 PM

**Mesoscopic simulation and characterization of the morphological evolution in phase separating fluid mixtures**

**Speaker**

Manuel Hopp-Hirschler

4:55 - 4:57 PM

**Thermo-Chemo-Hydro-Geomechanical Model and Numerical Solution Strategy for Marine Gas Hydrate Geosystems with a focus on Gas Production and related Geohazards**

**Speaker**

Dr Shubhangi Gupta

4:58 - 5:00 PM

**Studying surfactant loss at rock-liquid interface using Quartz Crystal Microbalance**

**Speaker**

Naveen Kumar

5:01 - 5:03 PM

**Pore-scale study on density-driven flows with heterogeneous chemical reactions in porous media**

**Speaker**

Dr Xuhui Meng

5:04 - 5:06 PM

**About front dynamics and up-scaling multiphase flows in heterogeneous porous media**

**Speaker**

Benoit Noetinger

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