

## Session Program

14-17 May 2018



# INTERPORE

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

LSU Tulane University



## InterPore2018 New Orleans

### Parallel 8-E

New Orleans

## Wednesday 16 May

14:35

### Parallel 8-E

**Session** | **Location:** New Orleans

14:37–14:52

#### **Design of Pneumatic Fracturing Experiments for Rare Earth Elements Recovery by Support of X-ray Micro Computed Tomography Imaging**

**Speaker**

Gerhard Zacher

14:55–15:10

#### **Multi-scale granular porous structure generation and its effect on permeability**

**Speaker**

Mr Tong Liu

15:13–15:28

#### **Investigation of two-phase flow in a new pore doublet model**

**Speaker**

Dr Lei Zhang

15:31–15:39

#### **Short Break**

15:40–15:55

#### **The characteristics of the gas and water flow through the microtubes and nanotubes**

**Speaker**

Mr Xiao Hu

15:58–16:13

#### **Pore-Scale Modeling of Oil-Water Two-phase Flow in Tight Sandstones**

**Speaker**

Sen Wang

16:16–16:31

#### **The impacts of shale pore structure characteristic on fluid transport properties by a multi-scale pore network model**

**Speaker**

Dr Wenhui Song

16:34–16:49

#### **Empty oral slot**

16:52–16:54

#### **A new method based on high-resolution imaging of pore space for rock typing**

**Speaker**

Dr Xin WANG

16:55–16:57

#### **Numerical simulation of two-phase flow properties in rough fractures considering the normal deformation**

**Speaker**

Dr Dongying Wang

16:58-17:00

**Pore Scale Simulation of Oil Transport of Kerogen in Shale: Coupling Molecular Dynamics And N-S Equation****Speaker**

Cunqi Jia

17:01-17:03

**Study on the effect of natural gas hydrate cementation mode on the permeability property of rocks****Speakers**

Prof. Jianmeng Sun, Mr Huaimin Dong

17:04-17:06

**Fractal characteristics of oil shale reservoir based mercury intrusion experiment****Speaker**

Dr Su Penghui

17:07-17:09

**A new upscaling method for simulating fluid flow in unconventional reservoir with strong heterogeneity****Speaker**

Ms Qi Zhang

17:10-17:12

**Empty pitch slot**

17:13-17:15

**Empty pitch slot**

17:15