

## Session Program

Sep 24 - 25, 2024



## 1st Iran InterPore Conference

### Parallel Session 8

School of Mechanical Engineering, University of Tehran  
College of Engineering, University of Tehran

## Wed, September 25

11:00 AM

### Parallel Session 8: Digital Rocks / Machine Learning

**Session** |**Location:** School of Mechanical Engineering, University of Tehran, College of Engineering, University of Tehran |**Convener:** Dr Alireza Fathollahi

11:00 - 11:15 AM

#### Smart Proxy Model Development for foam injection in a fractured carbonate reservoir for Enhanced Oil Recovery

**Speaker**

Ms Hamdam Majd Teymouri

11:15 - 11:30 AM

#### تخمین تراوایی نسبی سنگ مخزن ناهمسانگرد با استفاده از پردازش داده دیجیتال

**Speaker**

Mr Ahmed Zoair

11:30 - 11:45 AM

#### Application of statistical analysis of CBCT images in evaluation of rock heterogeneity of hydrocarbon reservoirs and reservoir studies

**Speaker**

Shirin Samani

11:45 AM - 12:00 PM

#### Generating Images of Naturally Fractured Carbonate Reservoir Rocks Using Deep Learning Architecture

**Speaker**

Behrad Tabrizipour

12:00 PM