

## Session Program

May 19 - 22, 2025



**InterPore2025**

17<sup>th</sup> Annual Meeting  
& Conference Courses

19 - 22 May 2025  
Albuquerque, New Mexico, USA  
Conference Courses 18 & 23 May

Photo credit: rufhdan@13444

## InterPore2025

### MS14

# Mon, May 19

11:25 AM

## MS14: 1.1

Session

11:25 - 11:40 AM

### Uncertainty quantification for reactive transport in random porous media

**Speaker**

Nikolay Shegunov

11:40 - 11:55 AM

### An Efficient Approach to Probabilistic Groundwater Flow Modeling for Emergency Well Design

**Speaker**

Dr Shang-Ying Chen

11:55 AM - 12:10 PM

### An end-to-end multifidelity uncertainty quantification framework for CO<sub>2</sub>-induced seismicity prediction in carbon storage sites

**Speaker**

Søren Taverniers

12:10 - 12:25 PM

### Solving inverse problems with machine learning for real-time monitoring of subsurface plumes

**Speaker**

Alice Nuz

12:25 PM