

Session Program

May 30, 2022 to June 2, 2022



InterPore2022

MS14

Mon, May 30

2:10 PM

MS14: Parallel Oral Session 2E

Session

2:10 – 2:25 PM

Second order deviation of permeability due to unresolved morphological features at the pore scale

Speaker

Sarah Perez

2:25 – 2:40 PM

Simultaneous Uncertainty Analysis for SCAL Data Interpretation

Speaker

Mr Omidreza Amrollahinasab

2:40 – 2:55 PM

INVERSE AND FORWARD UNCERTAINTY QUANTIFICATION OF RELATIVE PERMEABILITY AND FOAM MODEL PARAMETERS FOR EOR PROCESSES

Speaker

RODRIGO Weber dos SANTOS

3:10 PM

4:20 PM

MS14: Parallel Oral Session 3E

Session

4:20 – 4:35 PM

Multiscale mixed domain decomposition methods for the simulation of heterogeneous black-oil flows

Speaker

Dr Fabricio S. Sousa

4:35 – 4:50 PM

Improving the efficiency of reservoir simulations with the Multiscale Perturbation Method for Two-Phase Flows

Speaker

Dr Franciane Rocha

4:50 – 5:05 PM

MCMC Convergence Studies for Flow Problems with Multiscale Sampling

Speaker

Arunasalam Rahunanthan

5:05 – 5:20 PM

Quantification of Heterogeneity of Spatially Averaged Generalized sub-Gaussian Random Fields

Speaker

Matthew Harrison

5:20 – 5:35 PM

Quantifying the uncertainty associated with reservoir compaction forecasting: Role of the experimental estimation of the hydrostatic yield stress.

Speaker
Mohammad Reza Hajiabadi

5:35 - 5:50 PM **Potential geological sequestration of CO2 in Kazakhstan**

Speaker
Aibar Kamashev

5:50 - 6:05 PM

Optimal control analysis of leakage risk in geological CO2 sequestration under uncertainties

Speaker
Dr Ben Mansour Dia

6:05 PM