



# InterPore2023

## Monday, 22 May 2023

### MS14: 1.1 (10:50 - 12:35)

time	[id] title	presenter
10:50	[345] Roles of Transport Mechanisms and Model Parameters in Gas Flow Migration across low-permeability porous media	SANDOVAL, Leonardo
11:05	[640] Improved techniques for uncertainty quantification of foam flow in porous media	WEBER DOS SANTOS, RODRIGO
11:20	[825] Dynamic Mode Decomposition for model reduction of flow and transport in porous media	CIRIELLO, Valentina
11:35	[63] Chemical and morphological uncertainty quantification by auto-weighted Bayesian Physics-Informed Neural Networks for reactive two-scale porous media at the pore scale	PEREZ, Sarah
11:50	[475] Prior ensemble based on geomechanical far-field approximations for data assimilation with ES-MDA in naturally fractured reservoirs	LIEM, Michael
12:05	[768] Techniques for the estimation of hydrogeological parameters in a cluster of infiltration ponds	Dr DI LENA, Francesco M.
12:20	[954] Multiphase Flow Effects on a Physics-Based Shale Reservoir Production Forecasting Model: A Global Sensitivity Analysis	ARIAS ORTIZ, Daniela