

Session Program

May 19 - 22, 2025



 **InterPore2025**

 Sandia National Laboratories

 Los Alamos NATIONAL LABORATORY

 NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH • UNIVERSITY

 THE UNIVERSITY OF NEW MEXICO

**17th Annual Meeting
& Conference Courses**

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

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InterPore2025

MS04

Thu, May 22

9:05 AM

MS04: 4.1

Session

9:05 - 9:20 AM

Powder X-Ray Diffraction data for swelling pressure interpretation

Speaker

Svetlana Babiy

9:20 - 9:35 AM

Swelling Porous Media - The Effect of Swelling Pressure on Modeling Flow and Wave Propagation

Speaker

Lynn Schreyer

9:35 - 9:50 AM

Evaluating Physiochemical Properties of Expansive Soils through Electrokinetic Conditioning

Speaker

Najibullah Zulfeqar

9:50 - 10:05 AM

Pore Structure Evolution in Clays Under Drying and Wetting Cycles: Insights from Mercury Intrusion Porosimetry

Speaker

Mr Mohd Sameer Alam

10:05 - 10:20 AM

Contact mechanics of soft grains considering capillary interactions

Speaker

Jiayin Zhao

10:20 - 10:35 AM

Continuum mechanics-based modeling of unsaturated fluid transport in poroviscoelastic food materials during conventional and microwave frying

Speaker

Pawan Singh Takhar

10:35 AM