InterPore2027

19th Annual Meeting & Conference Courses



Why should industry attend?

Where porous media science meets industrial innovation.

10–13 May 2027 | **Windsor Barra Hotel, Rio de Janeiro, Brazil**

Printing & packaging | Batteries & fuel cells | Food science | Biomedical systems | Water treatment | Building materials | Aerospace | Consumer products | Energy storage | Geothermal | Carbon management

Industry participants can present applied research, meet collaborators, attend Conference Courses, exhibit, sponsor, and take part in technical discussions on porous media and materials.

SOLVE TECHNICAL CHALLENGES

Explore approaches to real R&D and engineering problems involving wetting, absorption, drying, transport, heat transfer, reactions, deformation, and other porous-media processes.

DISCOVER EMERGING METHODS

Explore advances in imaging, characterization, simulation, machine learning, multiscale modeling, and experimental techniques.

FIND EXPERTISE & PARTNERS

Meet researchers, technology developers, potential collaborators, and emerging talent — including PhD students and early-career researchers — working across disciplines.

BRING VALUE BACK TO YOUR TEAM

Benchmark approaches, identify solutions worth testing, gain insights from other industries, and return with new contacts, ideas, and potential talent for your organization.

InterPore expertise for industry

A wide technical foundation that connects across products, materials and sectors

Imaging & Characterization
XCT | MRI | Microscopy | 3D/4D imaging | In-situ & operando methods

Fluid-Material Interactions
Wetting | Absorption | Swelling & shrinking | Drying | Interfaces

Transport & Separation
Mass transfer | Heat transfer | Filtration | Diffusion | Particle transport

Advanced Porous Materials
Fibrous media | Membranes | Foams | Composites | Catalysts | Engineered structures

Modeling & Prediction
Multiscale modeling| Simulation | Uncertainty | Optimization | Machine Learning

Coupled & Evolving Systems
Flow-deformation | Reactive transport | Phase change | Structure evolution

2027 FOCUS THEME **Imaging of Porous Materials** Advanced imaging and characterization across engineered materials, electrochemical systems, biological materials, environmental processes, subsurface systems, and more.

Find your connection

Discover how porous media science, materials expertise, and advanced methods connect with your industry, your technical challenges, and your R&D priorities.

www.interpore.org/2027

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