



InterPore2026

17th Annual International Conference on Porous Media



INTERDISCIPLINARY INSIGHTS INTO POROUS MEDIA

Join researchers and professionals from across disciplines such as engineering, geosciences, biology, applied physics, and beyond to explore cutting-edge developments in porous media and discover how interdisciplinary approaches are driving progress in energy transition, biotechnology, environmental sustainability, and material innovation.

Plenary Speakers:



PAOLO COLOMBO

Additive manufacturing of Ceramics from Preceramic Polymers



SOPHIA HAUSSENER

Multi-physical transport in porous media for energy applications



KATHARINE MAHER

Reactive transport modeling of soil-based carbon removal



PHILIP WITHERS

3D and 4D X-ray imaging of the behaviour of porous systems



19-22 MAY 2026

NANTES, FRANCE

CONFERENCE COURSES

18 & 23 MAY

Submit an abstract

interpore.org/2026



InterPore2026



FOCUS THEME

Reflecting Nantes' commitment to **sustainable development**, this year's focus theme highlights **bio- and geo-sourced porous materials** for green construction. Topics include their **thermal, fluidic, and mechanical behavior, modeling** and aging processes, and life-cycle analysis toward more sustainable and durable built environments.

CONFERENCE LOCATION

The conference will take place at La Cité des Congrès, a modern convention center near the Loire River and city center. With its creative energy, historic charm, and focus on sustainability, Nantes offers an inspiring backdrop for scientific collaboration and exchange.

PROGRAM COMMITTEE

Chair: Jaime Gómez-Hernández - *Universitat Politècnica de València*

Vice-Chair: Eleonora Secchi - *ETH Zurich*

THE SCIENTIFIC PROGRAM

Featuring 20 interdisciplinary minisymposia on porous media research and applications, including:

- Energy transition & carbon storage
- Soil and groundwater processes
- Biotechnics & nature-based agriculture
- Filtration, foams, and membranes
- Modeling, imaging, and upscaling methods
- Uncertainty & sensitivity analysis

Full minisymposia list available at interpore.org/2026

Invited Speakers:

MARIA BARRUFET

Confined Thermodynamics and Diffusion in Tight Hydrocarbon Reservoirs

JESÚS CARRERA

Conceptual challenges to model biochemical processes in aquifers

NICOLA HÜSING

Sol-Gel Chemistry with a Twist: Porous Materials from Unconventional Precursors

LARA MANZOCCO

Porous pathways to improve food functionality and sustainability

YVES MÉHEUST

Immiscible two-phase flow in geological fractures

TIMOTHY SCHEIBE

Scaling microbial processes in porous media

GABRIEL TOBIE

Porous Media as a Means to Promote Exchange Processes in Icy Worlds of the Outer Solar System

TIZIANA TOSCO

Designing the nanoremediation of contaminated aquifers: from laboratory tests to field implementation

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