InterPore2026

18th Annual Meeting & Conference Courses

19 - 22 May 2026
Conference Courses 18 & 23 May
Nantes, *France*

From **pore-scale modelling** and **imaging** to **large-scale simulations**, **experiments**, and **uncertainty analysis**—InterPore2026 covers the full spectrum of porous media research. Stay current on **emerging topics** like the **energy transition**, **biotechnologies**, and **nature-based materials**. Discover a broad range of applications, including **carbon storage**, **clean energy**, **groundwater**, **fuel cells**, **filters**, **foams**, **membranes**, and more. The conference also offers great opportunities to connect with industry and research partners. Satellite short courses and technical visits will be offered immediately before and after the conference.

Topics and Applications

- Mass and heat transport
- Multiphysics-multiphase flow
- Reservoir engineering, CO_2 sequestration, geothermal energy and energy storage
- Colloids and nanoparticle transport
- Contamination soil mechanics and engineering
- Swelling porous media
- Wave propagation
- Biotechnology and biofilms
- Thin and nanoscale porous media
- Fuel cells and batteries
- Food, wood, composites
- Fibers and textiles
- Filters, foams, membranes, papers
- Ceramics and construction materials

Focus Theme: Natural porous media for green housing

One of the strong features of the city of Nantes and the academic institutions supporting InterPore2026, is their commitment to promoting sustainable development for a better world. The study of the thermal, fluidic and mechanical behaviour of bio- and geo-sourced porous media for the construction of green buildings and urban neighbourhoods is one of the original research projects that has emerged in recent years. In this session, we will cover aspects related to the characterisation and modelling of physico-chemical behaviours, as well as the temporal study of the ageing of these natural media at the scale of test buildings and the analysis of their life cycle.

Program Committee

Chair: Jaime Gómez-Hernández - *Universitat Politècnica de València*
Vice-Chair: Eleonora Secchi - *ETH Zurich*

Local Organizing Committee

Chair: Benoit Rousseau - *CNRS, Nantes Université*
Co-Chairs: Laurence Le Coq - *IMT Atlantique*
Christophe Binetruy - *Nantes Université, Centrale Nantes*
Béatrice Bechet, *Université Gustave Eiffel*

Plenary Speakers

- **Paolo Colombo** - University of Padua, *Italy*
- **Sophia Haussener** - EPFL, *Switzerland*
- **Katharine Maher** - Stanford University, *USA*
- **Philip Withers** - University of Manchester, *UK*

Invited Speakers

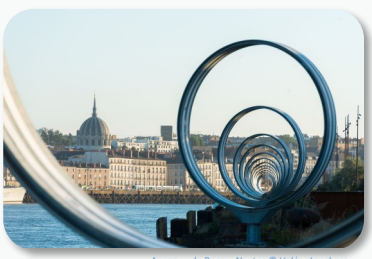
- **Maria Barrufet** - Texas A&M University, *USA*
- **Jesús Carrera** – IDAEA, *Spain*
- **Nicola Hüsing**- Universität Salzburg, *Austria*
- **Lara Manzocco** - University of Udine, *Italy*
- **Yves Méheust** - University of Rennes, *France*
- **Timothy Scheibe** - Pacific Northwest National Lab, *USA*
- **Gabriel Tobie** - Nantes Université, *France*
- **Tiziana Tosco**– Politecnico di Torino, *Italy*

The Perfect Venue

Nantes is a major European metropolis that offers a dynamic blend of innovation, accessibility, and cultural appeal. At the heart of a university research hub with over 40,000 students, and strong academic sectors in healthcare and engineering, the city offers a well-connected transportation network that facilitates travel for both domestic and international visitors. Nantes offers an inspiring setting that encourages both productive work and networking with a strong motivation to promote sustainable developement. La Cité Nantes Congress Centre, in the heart of the city centre opposite the railway station, is within walking distance of high quality, affordable hotels and public transport.


The Grand Elephant, Nantes, © Jean-Dominique Billaud


Bords de l'Erdre, Île Versaille, Nantes, © Valéry Joncheray


Anneaux de Buren, Nantes © Valéry Joncheray

www.interpore.org/2026