



# InterPore2023

## 15th International Conference on Porous Media

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22 - 25 May 2023

Edinburgh, Scotland



The **scientific program** ranges from **pore-scale modeling, pore-scale imaging, to experimental and numerical methods on larger scales, to sensitivity and uncertainty analysis**. Stay abreast of the latest porous media research on trending topics such as **energy storage, biotechnics and nature-based agriculture**. Presentations will be given on a wide variety of porous media processes in highly diverse applications, including: **transport phenomena, soil mechanics, fuel cells, filters, foams, membranes and more**. InterPore2023 also offers opportunities to find collaborative **industrial and application-oriented institutional partners**.

### Topics and Applications

- Mass and heat transport
- Multiphysics-multiphase flow
- Reservoir engineering, CO<sub>2</sub> sequestration, geothermal energy and energy storage
- Colloids and nanoparticle transport
- Soil mechanics and engineering
- Swelling porous media
- Wave propagation
- Biotechnology and biofilms
- Thin and nanoscale poromechanics
- Fuel cells and batteries
- Food, wood, composites
- Fibers and textiles
- Filters, foams, membranes, papers
- Ceramics and construction materials

### Venue and city

The 15th Annual InterPore Meeting will be held at the Edinburgh International Conference Centre (EICC) in the heart of Edinburgh, Scotland. Home to three UNESCO Heritage Sites, four Universities and named the UK's "Greenest City", Edinburgh is full of history, culture and places waiting to be explored.

EICC's state-of-the-art facilities include adaptable auditoria, break-out suites and spacious exhibition and reception areas all complemented by the latest technologies. The EICC is easily accessible by public transportation and is only 10km away from Edinburgh International Airport, which offers over 300 flights a day to more than 130 UK and worldwide destinations.

### Program Committee

**Chair:** Patrick Jenny - *ETH Zürich*

**Vice-Chair:** Sridhar Raganathan - *Kimberly Clark*

### Local Organizing Committee

School of Energy, Geoscience, Infrastructure and Society  
Heriot Watt University

**Co-Chairs:** Andreas Busch, Florian Doster



[www.interpore.org/2023](http://www.interpore.org/2023)