

October 26–27 2021

**JEMP 2021**

**Strasbourg** (France)  
Palais Universitaire

**Hybrid event**  
**in-person** & **virtual**



# French InterPore Conference on Porous Media

**Biennial conference**  
**Understanding Porous Media**  
**Complexity**

- Abstract submission deadline:  
July 10, 2021
- Author notification: August 16, 2021

**AWARDS**

**application guidelines available  
on the conference website**

- French InterPore Chapter PhD Prize
- French Interpore Chapter PhD  
Poster Prize

<https://jemp2021.sciencesconf.org/>



[twitter.com/JEMP2021](https://twitter.com/JEMP2021)



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# Keynotes

- ⇒ **Veerle CNUDE**, Dep. of Geology, Ghent University, Belgium. "Unravelling pore-scale processes in geomaterial" 
- ⇒ **Anne GALARNEAU**, Institute Charles Gerhardt Montpellier, University of Montpellier, France. "Design of silica and zeolites monoliths for process intensification in heterogeneous (bio)catalysis and in waste-water treatment" 
- ⇒ **Rainer HELMIG**, Institute for Modelling Hydraulic and Environmental Systems, Stuttgart University, Germany. "Numerical models for evaluating the competitive use of the subsurface: the influence of energy storage and production in groundwater" 
- ⇒ **Jan CARMELIET**, Dep. of Mechanical and Process Engineering, ETH Zürich, Switzerland. "Wetting mechanisms of fibrous materials: from yarn to textile scales" 

# Scientific topics

- ⇒ Numerical modeling of flows in porous media
- ⇒ Parameter identification in porous media
- ⇒ Coupled processes in porous media
- ⇒ Multiphase & multi-components systems
- ⇒ Material and energy flow in porous media
- ⇒ Mechanics of porous media: deformation, failure, damage
- ⇒ Behaviour of complex fluids in porous media
- ⇒ Fractured porous media (prospecting, production, storage)
- ⇒ Imaging, digital porous generation
- ⇒ Organic porous media
- ⇒ Multiscale fibrous media, nano and micro porous media
- ⇒ Synthesis and characterisation of lamellar compounds or materials with controlled porosity
- ⇒ Storage and absorption of mechanical energy in nanoporous materials
- ⇒ Adsorption and separation by porous materials
- ⇒ Mechanical, chemical and thermal coupling between fluids and matrices in porous media

# Local organising committee

**Benjamin BELFORT, Marwan FAHS, François LEHMANN, Gerhard SCHÄFER**

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