



JEMP 2018

French Interpore Conference on Porous Media

8 -10 October 2018

La Cité Nantes Event Center - Nantes (France)

Biennial conference

Understanding of the complex behavior of porous media

- > **Abstract submission: May 1st, 2018**
- > **Notification to authors: May 25, 2018**

> **Awards**

(applications rules available on the conference website):

- > French Interpore Chapter PhD Prize granted by Micromeritics
- > French Interpore Chapter Poster Prize granted by IFPEN



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<https://jemp2018.sciencesconf.org/>





> Keynotes

- > **Alejandro A. Franco**, Laboratoire de Réactivité et de Chimie des Solides, Amiens, France “Multiscale modelling as an optimization tool of the fabrication process and performance of porous electrodes in batteries”, Keynote Total
- > **Stepan Lomov**, Department of Materials Engineering, KU Leuven, Belgium : “Quantified μ CT imaging for modelling of flow and mechanics in fibrous media”
- > **Sophia Haussener**, Laboratory of Renewable Energy Science and Engineering, EPFL Lausanne, Switzerland: “Characterization of multi-physical transport in porous media for the optimization of high-temperature thermal applications”
- > **Alberto Guadagnini**, Department of Civil and Environmental Engineering, Politecnico di Milano, Italia: «Identification of non-Gaussian multi-scale heterogeneity patterns and implications on flow and transport in aquifer systems»

> Scientific topics

- > Mechanical and thermal behavior of porous media
- > Multi-physics coupling and numerical modelling
- > Porous media for energy production and storage
- > Imagery, numerical generation of porous media
- > Fluid mechanics in Engineering processes
- > Reactive and dispersive transport
- > Geotechnical engineering
- > Multiscale fibrous media
- > Waves propagation

> Local organizing committee

- > Benoît Rousseau, chair
- > Christophe Binetruy, co-chair
- > Félicie Théron, scientific secretary

The FICPM conference is organized by LTeN with the participation of GeM, GEPEA, ICI, IMN, LMJL and of IFSTTAR

> Endorsements



> Sponsors

