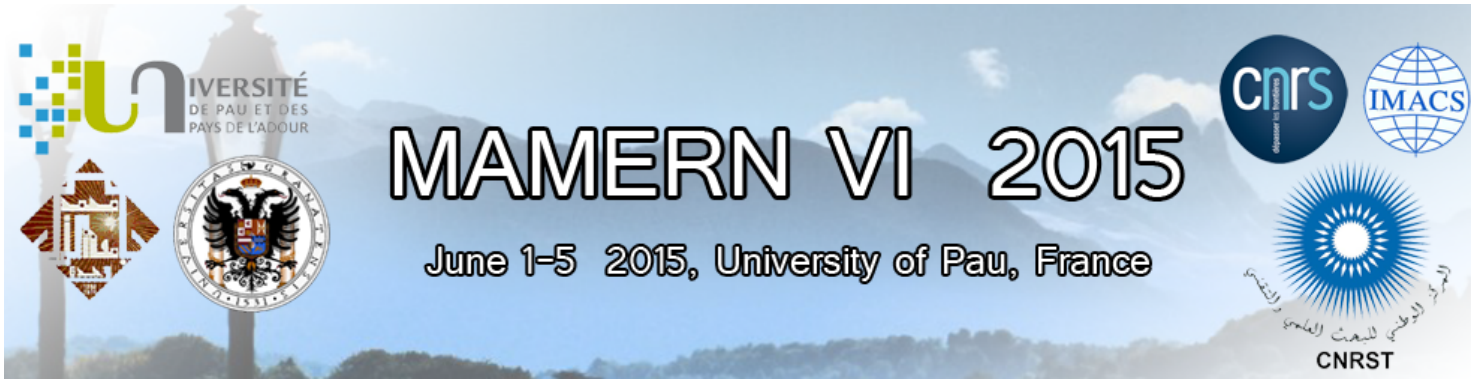


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# Minisymposium

**Title: Pore Scale Modeling**
**Organizer: Philippe Poncet, UPPA, France**

Numerical simulations at the pore scale require more and more sophisticated methods and algorithm, in order to be able to deal with real geometries at higher and higher resolutions. In this mini-symposium, we aim at showing the latest outcomes from the acquisition and imaging process to the data exploitation and parameter estimation.

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**Talk 1 : Application of Digital Image Correlation to infer Multiphase Pore-scale Flow Dynamics**
**Luigi Riba, Peter Moonen (1)**
(1) Laboratoire des Fluides Complexes et Réservoirs (LFC-R), UPPA, France

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**Talk 2 : Hybrid Lagrangian-Eulerian methods for transport at the pore scale**
**Robin Chatelin (1)**
(1) Laboratoire de Tribologie et Dynamique des Systèmes (LTDS), ENI St Etienne, France

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**Talk 3 : Modeling bubble flow in fracture with Lattice Boltzmann model**
**Alain Genty (1)**
(1) Commissariat à l'énergie atomique et aux énergies alternatives (CEA), France