

# Mixing Day in Rennes - 23<sup>rd</sup> of May 2017

## Program

8h45 – 9h T. Le Borgne (Rennes) Introductory words

9h – 9h30 A. De Wit et al. (Bruxelles)

Effect of chemical reactions on convection dissolution

9h30 – 10h15 P. Meunier et al. (Marseille) Innovative fluid mixers

10h15 – 10h45 R. Turuban / T. Le Borgne / Y. Méheust (Rennes)

Chaotic mixing in crystalline sphere packings

10h45 – 11h15 coffee break

11h15 – 11h45 M. Souzy / B. Metzger / H. Lhuissier (Marseille)

Mixing in particulate suspensions and porous media

11h45 – 12h15 M. Dentz et al. (Barcelona)

Stochastic modeling of pore scale velocities

12h15 – 12h45 J.-R. de Dreuzy et al. (Rennes)

Transport in 3D porous and fractured media

12h45 – 14h15 lunch (buffet)

14h15 – 14h45 P. Jop et al. (Saint Gobain) Non-Newtonian fluids

14h45 – 15h15 B. Dollet / Y. Méheust / I. Cantat (Rennes)

Fragmentation in foams through porous media

15h15 – 15h45 H. Tabuteau et al. (Rennes)

Microbial competition in porous environments can select against rapid biofilm growth

15h45 – 16h15 A. Coche / T. Babey / J.R. de Dreuzy (Rennes)

Control of transport on pesticide degradation in soils

16h15 – 16h45 coffee break

16h45 – 17h15 E. Guilbert / C. Almarcha / E. Villermaux (Marseille) Mixing-induced fluorescence

17h15 – 17h45 U. Gosh / Y. Méheust / T. Le Borgne (Rennes)

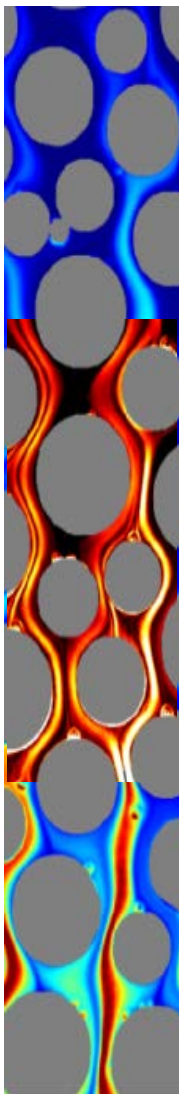
Electrical signatures of mixing processes

17h45 – 18h15 P. Götzfried et al. (Ilmenau) Mixing in turbulent flows

18h15 – 18h45 A. Bandopadhyay / T. Le Borgne / P. Davy (Rennes)

Topography-driven shear flows and mixing

20h30 Diner at the Amiral



# Location of the workshop

Observatoire des Sciences de l'Univers de Rennes

Bâtiment 14B

Université de Rennes 1, 263 avenue du GI Leclerc, 35042 Rennes Cedex



Acces to [Beaulieu](#) campus : see [Google Maps](#) and [interactive map](#)