

# Physical manipulation, characterization and formulation of pharmaceuticals

## 16-20 June 2014, Val Joly, France

### Training school

### Ecole Thématique CNRS 2014

#### SCOPE

This training school will provide participants with the fundamentals of materials science underlying the research pharmaceutical formulation. It will focus on: the different materials used in the field of pharmacy and food, their physical states, their specific modes of preparation and transformation induced by the typical constraints imposed by industrial processes. The participants will also gain a thorough understanding of specific experimental methods suitable for the physical characterization of these materials. The teaching will be illustrated by examples encountered in pharmaceutical and food. It will be a transdisciplinary education at the interface between materials science and pharmacy.

The training school is co-organized by the CNRS (Ecole Thématique 2014) and the INTERREG 4A "2Seas" crossborder project AMPTEC (Advanced Materials and Pharmaceutical TECHNOlogies).

The school will be organized in 45 lectures based on concrete examples and seminars given by experts in the field. The training will be given in English. In addition, two half-day of practical presentations around equipments of preparation and characterization will be held in the organizers laboratories at the University of Lille 1 and Lille 2. Special emphasis will also be left for discussion in which participants can interact with each other and with lecturers.

The training school will be held from 16 to 20 June 2014 at the Val Joly site (59132 Eppe-Sauvage, Nord, France).

#### ORGANIZATIONS

##### Organizing Comitee

Frédéric Affouard (University Lille1)  
Juergen Siepmann (University Lille2)  
Laurent Paccou (CNRS)

##### Participants and fees

The school targets Master and PhD students, post-docs, technical staffs, researchers from academia and from industry. We shall make the training school financially very affordable for everyone to attend, particularly for the young investigators. No fees will be requested for Master and PhD students, and post-docs. Some grants might be also attributed on request depending on the organization budget.

##### Contacts

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