



## SUMMER SCHOOL Recrystallization Mechanisms in Materials

**Sète, France November 7 to 11, 2016**

### **Preliminary program – June 16th**

The basic structure of courses and workshops is given below, with indicative titles.

Day one	
Morning	Introduction – Course 1 Recrystallization mechanisms
Afternoon	Course 2 – Recrystallization and mechanical properties Course 3 – Characterization tools for recrystallization mechanisms
	Discussion time – short presentations by the participants
Day two	
Morning	Course 4 – Modeling tools for recrystallization mechanisms Course 5 – Recrystallization in natural conditions: rocks and ice, first part.
Afternoon (2 groups)	Workshop 1 - 2D characterization with EBSD and image analyses Workshop 2 - 3D characterization with X-Ray diffraction and neutrons
	Discussion time – short presentations by the participants
Day three	
Morning	Course 5 - Recrystallization in natural conditions: rocks and ice, part 2 Course 6 - Strategies and issues in metallurgical industry
Afternoon (2 groups)	Workshop 1 - 2D characterization with EBSD and image analyses

	Workshop 2 - 3D characterization with X-Ray diffraction and neutrons
	Discussion time – short presentations by the participants
<b>Day four</b>	
Morning (2 groups)	Workshop 3 - Full field modelling of recrystallization and grain growth Workshop 4 - Mean field modelling of recrystallization and grain growth
Afternoon	Excursion – Etang de Thau
	Discussion time – short presentations by the participants
<b>Day five</b>	
Morning (2 groups)	Workshop 3 - Full field modelling of recrystallization and grain growth Workshop 4 - Mean field modelling of recrystallization and grain growth
Afternoon	Interaction with the French Metallurgical Society
	Departure

## Speakers

---

Speakers will be : M. Bernacki, C. Le Burlot, A-L Helbert, R. Jacolot, R. Logé, D. Piot, D. Mainprice, M. Montagnat, A. Tommasi.

## Excursion

---

A train and boat excursion will take place on thursday afternoon, departure from The Lazaret.

We will explore the Etang de Thau in a glace made boat, with SudSeaExplorer.