

# CatPrep2014

## Key dates

**From September 2013:** pre-registration on the CatPrep web site.

**January 2014:** Opening of the online registration and abstract submission.

**March 31, 2014:** End of early-bird registration and deadline for abstract submission.

**April 26, 2014:** End of late registration.

**May 18-22, 2014 :** CatPrep summer school.

*The number of participants will be limited to 100 people.*

## Registration Fees

The registration fees include a copy of the book of abstracts, accommodation, lunches, coffee-breaks and social events.

### Early bird / late registration fees

- |   |                                 |
|---|---------------------------------|
| • PhD students and post-docs (double-room): | <b>450 € / 540 €</b>            |
| • Academic participants:                    | <b>550 € / 660 €</b>            |
| • Non-academic participants:                | <b>650 € / 780 €</b>            |
| • CNRS members:                             | <b>free of charge (limited)</b> |

## Partners



## Location and venue

The CatPrep Summer School will take place at the **Domaine Lou Capitelle** in the village of Vogüé in Ardèche (France).



## Access information

A free coach transfer will be organized on Sunday May 18 to reach Vogüé from the Valence TGV train station.

Another one will be organized on Thursday May 22 to reach the Valence TGV train station.

## Access by train

Valence TGV train station

For train timetables and reservations

<http://www.voyages-sncf.com/>

## Access by plane

Valence TGV train station is accessible from Lyon (Saint Exupéry) or Paris (Roissy-Charles de Gaulle) airports.

From Lyon Saint Exupéry TGV: 20 to 30 min.

From Paris Charles de Gaulle TGV : 2h45.



*1st European Summer School on  
Catalyst Preparation:*

*Fundamental Concepts and  
Industrial requirements*



*May 18-22, 2014*

*Vogüé (Ardèche)*

*France*

## Website

<http://www.congres.upmc.fr/catprep2014/>


## Contact

[catprep2014@upmc.fr](mailto:catprep2014@upmc.fr)

## Objectives

The CatPrep Summer School wishes to provide a general framework for addressing the fundamental and applied concepts of catalyst preparation. It will give a comprehensive overview of the fundamental knowledge required for the controlled elaboration of heterogeneous catalytic materials and will present the industrial requirements for large-scale synthesis. The main objective is to provide a common conceptual framework to the scientific community working in the field of heterogeneous catalysts preparation. One of the most distinctive aspects of this school is to combine this training with a visit of an industrial site **EURECAT** related to the activation and regeneration of heterogeneous catalysts.

### Program

Sunday 18th	Monday 19th	Tuesday 20th	Wednesday 21st	Thursday 22nd
Morning	Morning	Morning	Morning	Morning
	2) Surface physico-chemistry, interfacial chemistry <b>J. Lützenkirchen</b> <i>(KIT, Germany)</i>	6) Precipitation, deposition-precipitation <b>M. Lok</b> <i>(Avantium, The Netherlands)</i>	8) Up-scaling <b>F. Cavani</b> <i>(U. Bologna, Italy)</i>	10) Colloidal methods <b>L. Prati</b> <i>(U. Milan, Italy)</i>
	3) Synthesis of oxide supports and shaping <b>M. Boualleg</b> <i>(IFPEN, France)</i>	7) Activation (calcination, reduction, sulfidation...) <b>Daniel Cairns</b> <i>(Johnson Matthey, UK)</i>	9) Regeneration <b>P. Dufresne</b> <i>(EURECAT, France)</i>	11) High-throughput and automated synthesis <b>S.A. Schunk</b> <i>(HTE, Germany)</i>
Afternoon	Afternoon	Afternoon	Afternoon	Afternoon
1) Introduction : general aspects of catalysts preparation <b>X. Carrier &amp; C. Louis</b> <i>(UPMC, France)</i>	4) Synthesis of zeolites and porous materials <b>S. Sauerbeck</b> <i>(Clariant, Germany)</i>	<i>Outdoor activity</i>	 <i>Visit of EURECAT</i>	
	5) Impregnation and drying <b>P.E. de Jongh</b> <i>(U. Utrecht, The Netherlands)</i>			
Presentation of exhibitors	Poster session	Poster session	Closing dinner	

## CatPrep2014

### Organizing Committee

- Xavier Carrier (LRS, UPMC, Paris), Chair
- Catherine Louis (LRS, UPMC, Paris), Chair
- Frédéric Averseng (LRS, UPMC, Paris)
- Guylène Costentin (LRS, UPMC, Paris)
- Franck Launay (LRS, UPMC, Paris)
- Eric Marceau (LRS, UPMC, Paris)
- Christine Travers (IFPEN)

### Scientific Committee

- Virginie Bellière-Baca (Adisseo, France)
- Mathieu Digne (IFPEN, France)
- Pierre Dufresne (EURECAT, France)
- Peter Ellis (Johnson Matthey, UK)
- Eric Gaigneaux (UCL, Belgium)
- Wolfgang Grünert (Ruhr University, Germany)
- Petra de Jongh (Utrecht University, The Netherlands)
- Carole Lamonier (UCCS-Lille University, France)
- Stéphane Loridant (IRCElyon, France)