JUNE 16-21, 2019

CATPREP 2019

EUROPEAN SUMMER SCHOOL ON CATALYST PREPARATION

3RD EFCATS-CNRS
European Summer School on Catalyst Preparation

JUNE 16-21, 2019
Vogüé - Ardèche, France

FUNDAMENTAL CONCEPTS AND INDUSTRIAL REQUIREMENTS
The CatPrep summer school, open to the European scientific community, wishes to provide a general framework for 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.

**Invited Lecturers**

1. General aspects of catalysts preparation
2. Surface physico-chemistry, interfacial chemistry
3. Synthesis of oxide supports and shaping
4. Precipitation, co-precipitation, deposition-precipitation
5. Surface Molecular Chemistry
6. Impregnation and drying
7. Synthesis of zeolites and porous materials
8. Activation (calcination, reduction, sulfidation...)
9. Up-scaling
10. High-throughput and automated synthesis
11. Colloidal methods
12. Characterization methods
13. Catalyst Regeneration
14. Computational Approaches

**Comittee**

X. Carrier (Sorbonne Université, France)
J. Regalbuto (U. South Carolina, USA)
G. Pirngruber (IFPEN, France)
M. Behrens (U. Duisburg-Essen, Germany)
C. Thieuleux (CPE Lyon, France)
P.E. de Jongh (U. Utrecht, The Netherlands)
S. Sauerbeck (Clariant, Germany)
S. Pollington (Johnson Matthey, UK)
C. Hulteberg (Lund U., Sweden)
E.-J. Ras (Avantium, The Netherlands)
Peter T. Witte (BASF)
E. Marceau (Univ. Lille, France) / X. Carrier (Sorbonne Université, France)
P. Dufresne (EURECAT, France)
P. Raybaud (IFPEN, France)

**Location and Venue**

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

Located at an altitude of 135 meters along Ardèche river, between the Ardèche gorges (Pont d’Arc) and the Cévennes mountains, the Domaine Lou Capitelle welcomes you in Southern Ardèche facing the Vogüé village ranked among the “Most Beautiful Villages in France”.

**Key Dates**

- Autumn, 2018: Preregistration online
- February, 2019: Opening of the online registration and abstract submission
- June 16-21, 2019: CatPrep2019 Summer School

**Contact & Informations**

https://catprep2019.sciencesconf.org/
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