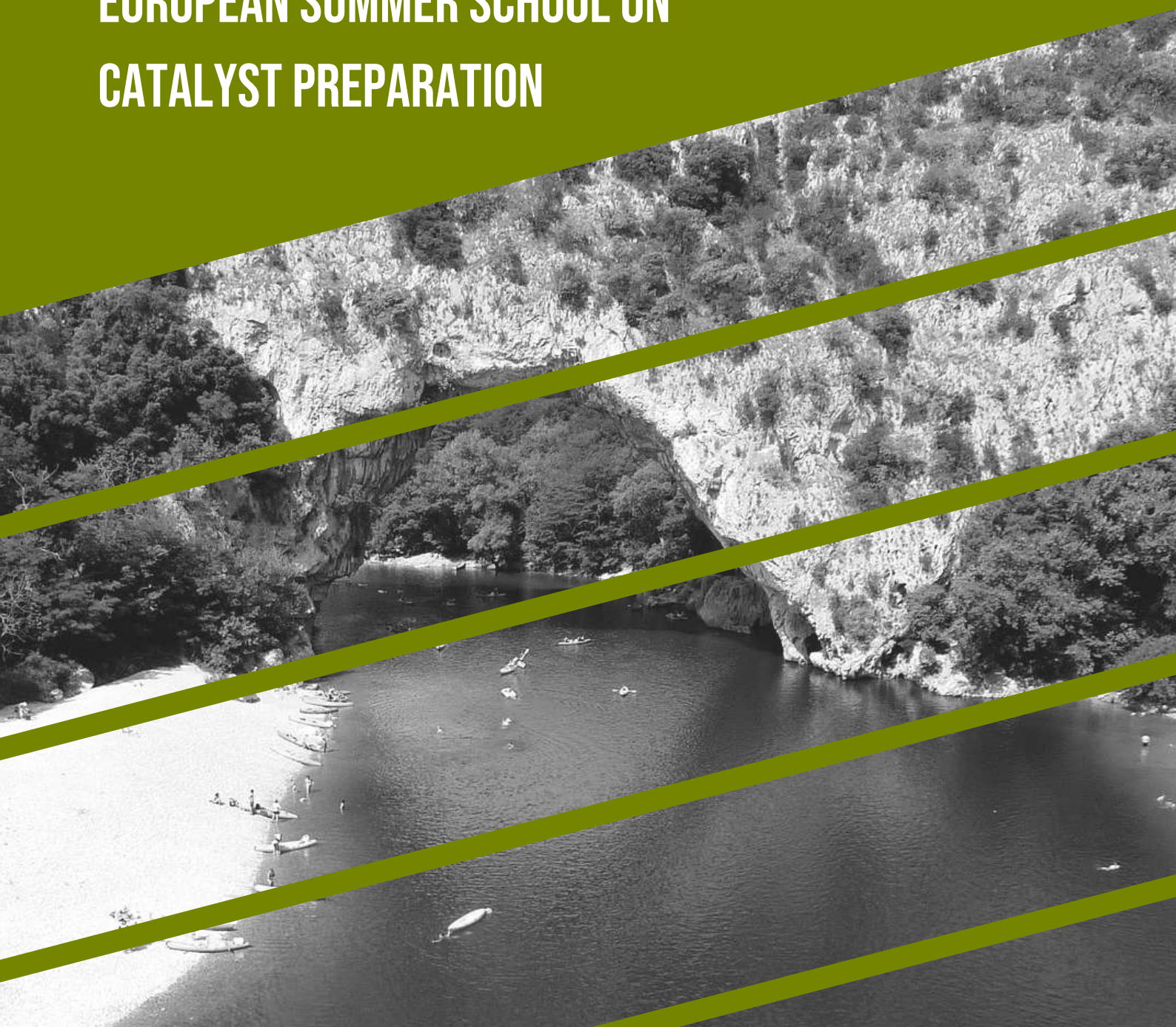


JUNE 16-21, 2019

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**

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

- X.Carrier (Sorbonne Université, France)
J. Regalbuto (U. South Carolina, USA)
To be determined
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)
To be determined
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)

COMMITTEE

- Xavier Carrier (Sorbonne Université, France)
Malte Behrens (U. Duisburg Essen, Germany)
Damien Debecker (U. catholique de Louvain, Belgium)
Eric Gaigneaux (U. catholique de Louvain, Belgium)
Petra de Jongh (U. Utrecht, The Netherlands)
Catherine Louis (Sorbonne Université, France)
Eric Marceau (U. Lille, France)
Isabelle Vuillaume (Sorbonne Université, 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

- July, 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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