

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

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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)
- 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)

COMMITTEE

- Xavier Carrier (Sorbonne Univ., France)
- Malte Behrens (Univ. Duisburg Essen, Germany)
- Damien Debecker (UCLouvain, Belgium)
- Eric Gaigneaux (UCLouvain, Belgium)
- Petra de Jongh (Univ. Utrecht, The Netherlands)
- Catherine Louis (Sorbonne Univ., France)
- Eric Marceau (Univ. Lille, France)
- Isabelle Vuillaume (Sorbonne Univ., France)
- Mathieu Digne (IFPEN, 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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