

GOAL

The summer school is focused on reviewing the main catalytic transformations currently under development for the production of advanced biofuels, highlighting the relevance of controlling and tuning the catalyst properties to optimize their performance for the processing of the complex mixtures typically present during biomass conversion.

This dissemination event is organized in the framework of the
FP7 EU Project CASCATBEL

KEY DATES

Abstract Submission - March 20
Application for Sponsorship - March 20
Abstract Acceptance/Rejection - April 10
Decision on the Sponsorship - April 15
Registration Fee - April 25

CONTACT

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Liblice Castle
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Organized by Jiří Čejka & David Serrano

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www.cascatbel.eu

INVITED SPEAKERS

- ✎ D. Resasco (University of Oklahoma)
Bio-oil upgrading by condensation reactions
- ✎ G. Huber (University of Wisconsin)
Thermocatalytic Routes for Biomass
Conversion into Fuels
- ✎ W.J. Roth (J. Heyrovsky Institute, Jagellonian
University)
Zeolite catalysis - transforming laboratory
leads into industrial reality
- ✎ T. Bridgwater (University of Aston)
Biomass pyrolysis
- ✎ B. Weckhuysen (University of Utrecht)
In-situ spectroscopic tools for monitoring
catalytic biomass transformations
- ✎ P. Nachtigall (Charles University)
Understanding the catalytic activity of
microporous catalysts - computational
approach
- ✎ J. Mitchell Sharon (ETH Zurich)
Potential applications of hierarchical zeolites
for the biomass conversion into advanced
biofuels
- ✎ J. C. Serrano (Abengoa Research)
Biomass hydrothermal processing
- ✎ A. Lappas (CERTH)
Characterization and properties of bio-oils
produced from lignocellulose by pyrolysis
and catalytic pyrolysis
- ✎ R. Rinaldi (MPIK Mulheim)
Development of HDO catalysts for bio-oil
upgrading
- ✎ C. Perego (ENI)
Advances in biofuels
- ✎ David Kubička (Vuanch)
Catalytic deoxygenation of triglycerides