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News

Fundamental Research

Chemical sciences

Catalysis and reaction kinetics

The 2<sup>nd</sup> edition of the **French Conference on Catalysis (FCCat 2019)** was held from 3 to 7 June in Fréjus, under the patronage of the Société Chimique de France (French Chemistry Society), bringing together more than 200 catalysis specialists: researchers, industrial players and students.

IFPEN's researchers were closely involved in the organization of this conference, which was also sponsored by IFPEN's Scientific Division within the framework of the contribution to its fundamental research.

The conference provided a platform for some informative exchanges, fed by numerous **oral presentations** and **poster sessions** (including some fifteen led by IFPEN), by **plenary lectures** of the highest quality and by an **industrial half-day session** followed by a **round table**. The latter brought together eight industrial representatives and IFPEN, and focused on the following three themes:

- **catalysis and sustainable development;**
- **future methodology and tools for catalysis (HTE, digitalization);**
- **employment and education.**

The success of this latest edition of FCCat, which will be covered in a special dedicated issue of the ChemCatChem journal, confirms the relevance of the conference, launched in 2016 at the instigation

of IFPEN.

Moreover, two PhD students at IFPEN were singled out for awards at the event:

- **Angélique Jallais**, from the Catalysis, Biocatalysis and Separation Division, won the award for the best flash presentation, which focused on her research on arsenic capture upstream of gasoline hydrodesulfurization catalysts (Prime G+). Her thesis is supervised by Igor Bezverkhyy from the University of Bourgogne;



Awards ceremony for the best two flash presentations

- **Olivier Said Aizpuru**, from the Process Design and Modeling Division, won the award for the best PhD student presentation. His research concerns the integration of catalytic descriptors in kinetic models for an optimized development of new catalysts (application to dehydrocyclization / dehydrogenation of n-heptane). His thesis is jointly supervised by **Jean-François Joly** (IFPEN) and David Farrusseng from IRCELYon.



Awards ceremony for the best two oral presentations

Catalysis: IFPEN actively involved in the 2nd edition of the FCCat conference  
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