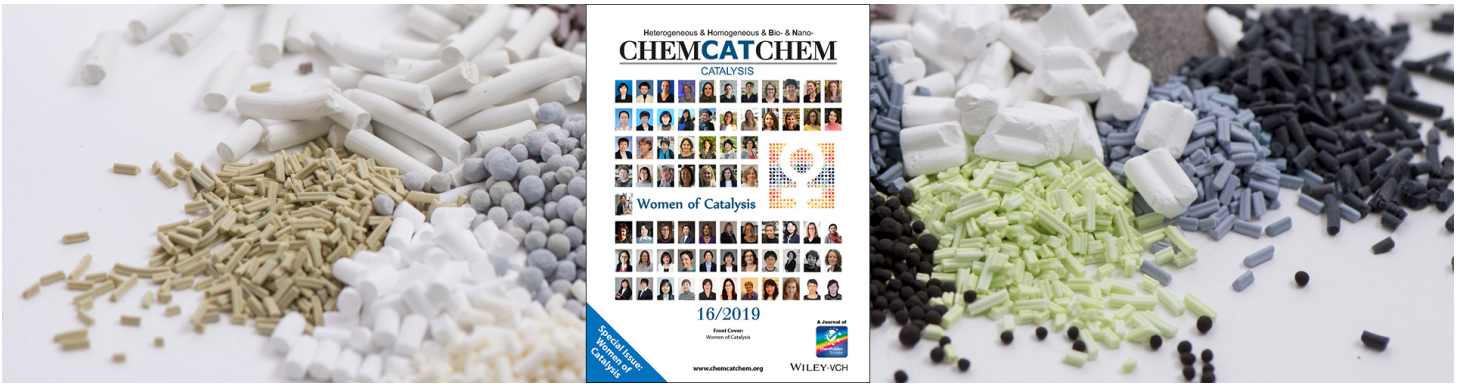


Written on 21 October 2019

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News

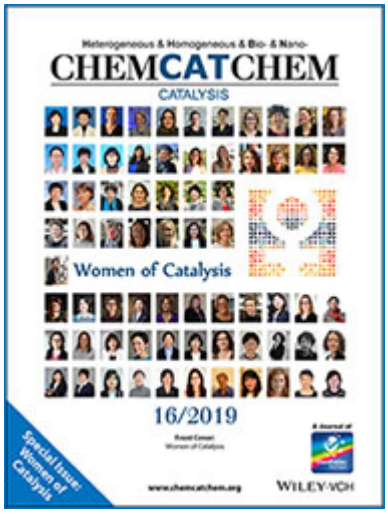
Fundamental Research

Chemical sciences | Catalysis and reaction kinetics

A special issue of the ChemCatChem journal shines the spotlight on the contribution made by women to catalysis research. A perfect opportunity to examine the important role they play at IFPEN.

In August 2019, the ChemCatChem scientific journal published **a special issue on women in catalysis**. Its aim is to highlight the breadth and depth of the outstanding research in this field developed by women, and to raise their profile within the catalysis community.

One of those women whose work is covered **is Céline Chizallet**, project manager in IFPEN's Catalysis, Biocatalysis and Separation Division.



Special Issue: Women of Catalysis
August 21, 2019
Volume 11, Issue 16
Pages 3557-3574

IFPEN's female researchers actively contributing to the French national scientific community

Several female researchers in the Catalysis, Biocatalysis and Separation Division also play a very **active role in the French national scientific community**, particularly via the Société Chimique de France (SCF, the French Chemistry Society):

- **Hélène Olivier-Bourbigou**, head of the Molecular Catalysis Department and 2014 woman scientist of the year and Irène Joliot-Curie Prize winner, was president of the SCF's Catalysis Division (DivCat) from 2013 to 2019,
- **Audrey Bonduelle**, applied research followed by fundamental research project manager[1], has been president of the Catalysis Study Group (GECat) since 2018,
- **Céline Chizallet**, fundamental research project manager[2], winner of the 2015 Edith Flanigen Prize, has just been elected member of the DivCat board.

All three women are also **actively involved**, alongside other IFPEN researchers, **in the organization of national and international conferences**: the annual GECat conference and the triennial French Conference on Catalysis (FCCat), the 2nd edition having taken place in June 2019.

Moreover, they are currently busily working on preparations for France's application to host ICC 2024 (International Conference on Catalysis) in Lyon.

IFPEN's recognized pivotal role

The contribution of these scientists illustrates IFPEN's **pivotal and unifying role in the field of fundamental catalysis research nationally**, and in terms of **spearheading the influence of this community on the international stage**. In particular, IFPEN's activities help maintain dynamic links with French teams of the highest international caliber in the field.

The excellence of catalysis research at IFPEN is also reflected in the **many prizes awarded in recent years to PhD students and researchers based in the Catalysis, Biocatalysis and Separation Division**.

[1] CATAPHOT; *materials and processes for interconversion between low-carbon electric energies and chemical energy.*
[2] EYRING: *from ab initio calculation to experimental kinetics.*
FERMI: *advanced molecular simulation methods for investigating the reactivity of complex systems.*

Publications

- Special issue of the ChemCatChem journal on the 2016 FCCat and special issue to come for the 2019 FCCat.
- Article on "*Atomistic Models for Highly?Dispersed PtSn/??Al_2O_3 Catalysts: Ductility and Dilution Affect the Affinity for Hydrogen*".

Catalysis: IFPEN's female researchers honored
21 October 2019

Link to the web page :