

2016 International Catalysis Award - David Farrusseng

Based on the decision of an international evaluation committee, the International Association of Catalysis Societies (IACS) is pleased to have Dr. David Farrusseng as the recipient of the 2016 International Catalysis Award, for his remarkable achievements on the rational design of porous materials for separation, adsorption, and catalysis.

Dr. David Farrusseng was born in 1972 in Montpellier (France).

In 1999, he got his PhD degree in Material Science at the European Institute of Membrane (IEM) in Montpellier under the guidance of Dr. A. Julbe and Dr. C. Guizard. He joined as post-doc the group of Prof. F. Schüth at the Max Planck Institute für Kohlenforschung (Germany). In 2001, he was appointed permanent CNRS researcher at the Institute IRCELYON (France) in the group of Dr. Claude Mirodatos, and in 2011 became a group leader at IRCELYON.



He is member of the editorial committee of ChemCatChem, of the French Chemical Society (SCF) and of the French Zeolite Association (GFZ). He was recipient in 2008 of the Award of the Catalytic Division of SCF. He is chief consultant for the company MOFapps (Norway) and for “The Catalyst Group” (US).

His research activities deal with the design of materials for catalytic & separation processes. He has developed novel methodologies for the rational design of catalytic site based on kinetic and statistic descriptors. He has also pioneered the design and application of MOFs to acid/base catalysis. Lately, he has developed breakthrough concepts in the synthesis of stable bimetallic nanoparticles of controlled size and composition which exhibit outstanding catalytic selectivity. He is author of more than 130 peer-review papers and 17 patents, one being commercially exploited.

Dr. David Farrusseng is currently involved in two major European funded programs (NMP) which aim at the industrialization of nano-materials for Catalysis and Energy related applications (FASTCARD, PRODIA).