



COLLÈGE
DE FRANCE
—1530—

CHAIRE CHIMIE DES MATÉRIAUX HYBRIDES

Année académique 2019-2020

ORGANIC CHEMISTRY IN PARIS

Conférences de l'institut de chimie du Collège de France

Chairmen : Pr Clément SANCHEZ, Pr Louis FENSTERBANK, Pr Ludovic JULLIEN
Collège de France, SU, PSL, CNRS

Mercredi 18 septembre 2019, de 8h45 à 18h
Amphithéâtre Maurice Halbwachs

- 8h45 Welcome
Clément SANCHEZ, *Collège de France*
- 9h Some applications of mechanochemistry in organic synthesis
Pr Eusebio JUARISTI, *Colegio Nacional de Mexico*
- 9h50 Complex molecules, a good source of inspiration to develop synthetic tools
Pr Janine COSSY, *École Supérieure de Physique et de Chimie Industrielles*
- 10h20 Reprogramming the reactivity of iron in cancer
Dr Raphaël RODRIGUEZ, *Institut Curie*
- 10h50 Catalytic reduction of CO₂ with 2, 6 and 8 electrons with Fe and Co molecular complexes
Pr Marc ROBERT, *Université Paris Diderot*
- 11h20 Break
- 11h50 Molecular Catalysts for the Reduction of C–O bonds in Renewable Feedstocks
Dr Thibault CANTAT, *CEA, Université Paris Saclay*
- 12h20 Organic Synthesis under Light Activation
Pr Louis FENSTERBANK, *Université Pierre et Marie Curie*
- 12h50 Lunch break
- 14h00 Spying on cells with glowing chemical-genetic hybrids
Pr Arnaud GAUTIER, *École Normale Supérieure*
- 14h30 OrganoCatalysis: A Versatile Tool for the Synthesis of Nitrogen-Containing Heterocycles.
Pr Géraldine MASSON, *Institut de Chimie des Substances Naturelles, Gif-sur-Yvette*
- 15h00 Metal ions in Biomimetic Cavities: from Molecular Recognition to Reactivity, and vice versa.
Pr Olivia REINAUD, *Université Paris Descartes*
- 15h30 Organic chemistry provides new opportunities for Cyclodextrin
Pr Matthieu SOLLOGOUB, *Université Pierre et Marie Curie*
- 16h00 Uncovering Bronsted Acid Catalysis in "Metal-Catalyzed" Reactions
Pr Vincent GANDON, *Université Paris Saclay, École Polytechnique*
- 16h30 Chemoselective and biocompatible reactions: new tools for heterocyclic chemistry and chemical biology
Dr Frédéric TARAN, *CEA, Université Paris Saclay*
- 17h00 Molecular reactivity as a treasure for analysis and imaging
Pr Ludovic JULLIEN, *École Normale Supérieure*
- 17h30 Closing
Clément SANCHEZ, Louis FENSTERBANK, Ludovic JULLIEN