

Scientific meeting Day ECI-PPSM- June 9th 2023

Equipe de Chimie Inorganique and Laboratoire de Photophysique et Photochimie Supramoléculaire et Macromoléculaire

Bâtiment Henri Moissan, Amphi Hervé Daniel

9h30 Welcome and short presentation of the labs (T. Mallah, F. Miomandre)

9h50-10h10 *Fluorescent molecules for new sensors*
Isabelle LERAY

10h15-10h35 *Switchable magnetic nanosystems*
Nathalie BRIDONNEAU

10h40-11h00 *Plasmonic surfaces and photochromism*
Guillaume LAURENT

11h00-11h30 Coffee Break

11h30-11h50 *Electro-Assisted Oxidation of Thioanisole by an "O₂ Activator/Oxidizing Species" Tandem System of Non-Heme Iron Complexes*
Jean-Noël REBILLY

11h55-12h15 *A quantitative operando approach towards surface photomodification*
Vitor BRASILIENSE

12h20-12h40 *Catalyst-induced selectivity in Rh-nitrene promoted C-N bond formation: some computational insights*
Marie SIRCOGLOU

12h45-14h45 Lunch and Posters (titles below), room 2000

14h45-15h05 *Nanoparticles for imaging and detection*
Gilles CLAVIER

15h10-15h30 *Deciphering catalysis control through bio-inspired strategies*
Philipp GOTICO

15h35-15h55 *Ancient and heritage materials at PPSM*
Loic BERTRAND

16h-16h20 *Molecular chemistry for nanocarbons synthesis*
Vincent HUC

16h25 Discussion and Closing

Posters

- Nicolas BOGLIOTTI *Photon- and electron-induced modification of coordination pattern in arene ruthenium complexes*
- Clémence ALLAIN *Mechanofluorochromic surfaces: towards force sensing in microfluidic environments*
- Léa CHOCRON *Multi-activatable photochromic systems*
- Jonathan PIARD *DER chimie - Favoriser le lien Enseignement-Recherche*
- Grégory BALTHAZAR *Switching properties of 5nm cobalt-iron Prussian blue analogues particles*
- Adrien SMITH *Metalloporphyrins bearing imidazolium groups for CO₂ reduction*
- Idris TLEMSANI *Assessing the magnetic relaxation times in a Ni(II) complex: evidence of quantum coherence in zero magnetic field*
- Adelais TRAPALI *Active Spin-Crossover/Graphene Interfaces for Bistable Electronic Devices: Molecular Systems*
- Chanjuan ZHANG *Second-sphere hydrogen-bonding enhances heterogeneous electrocatalytic CO₂ to CO reduction by iron porphyrins in water*
- Syrine KROUNA *Thermal stability of High Entropy Alloy Nanoparticles studied by in-situ Transmission Electron Microscopy*
- Haroon RASHID *Porphyrin based polymeric material for the activation and reduction of CO₂*
- Abdoul Nasser MOUSSA BAMBA *A modular approach towards the total synthesis of conjugated carbon nanocones from calixarene*
- Aristide COLIN *Switchable magnetic properties under the action of a redox stimulus*