

Contacts

Dr. Marie-Laure BOILLLOT, marie-laure.boillot@universite-paris-saclay.fr

Prof. Fabien Miomandre, mioman@ens-cachan.fr

POSTDOCTORAL POSITION IN SYNTHETIC AND SURFACE CHEMISTRY

A Post-doctoral position will be available in autumn 2020 (starting from sept 1st 2020) in the team of Inorganic Chemistry (ICMMO, Orsay) of the Université Paris-Saclay under the supervision of Dr. Marie-Laure Boillot. The project funded by the LABEX CHARM3AT for 12 months will concern the synthesis and study of functionalized iron complexes that can be switched electrochemically and analyzed with a fluorescent probe once covalently grafted onto surfaces. It will be carried out in close collaboration with Prof. Fabien Miomandre (PPSM, ENS Paris-Saclay, Gif/Yvette).

The mission of the Post-Doc will be the chemical synthesis of the targeted ligands and iron complexes, and their characterizations. According to the candidate skills or affinities, he/she can contribute to the surface chemistry and the layers characterization with conventional and surface techniques available at ICMMO and PPSM lab. He/she will investigate the electrochemical and photophysical properties of the as-synthesized and the surface-anchored molecules.

Applicant for this position will be highly motivated, must hold a Ph-D in chemistry with a specialization in organic / inorganic chemistry. Knowledge in electrochemistry, fluorescence or surface sciences will be greatly appreciated.

Applications must be sent to Dr. Marie-Laure Boillot, and should include a CV, a summary of previous research and two recommendation letters.

Deadline for application: 04-30-2020