



## Materials Modelling Research Internship position

University of Picardie Jules Verne (UPJV), Amiens, FRANCE

Research unit: **Laboratory of Reactivity and Chemistry of Solids (LRCS), CNRS UMR #7314, Energy Hub**

<https://www.lrcs.u-picardie.fr/>

We propose a funding for a **Master 2 research internship** (6 months) at the **Laboratory of Reactivity and Chemistry of Solids**, University of Picardie Jules Verne (Amiens, France).

This position is available starting preferentially from February and at maximum from March for 6 months internship. We invite applications from outstanding Master students working in the areas of computational chemistry/materials science for this position. We are looking for a highly motivated candidate in her/his second year of Master in Chemical Physics, Materials for Optics, Organic Materials Science, Condensed Matter Physical-Chemistry, Advanced Materials for Energy or a related area. This person should be able to work in a multidisciplinary team involved in the field of understanding quantitative structure-property relationships of innovative materials. The candidate is expected to contribute to the design, theory, and modelling of various classes of compounds in order to guide/interpret the experimental work.

The research work involves DFT calculations to engineer advanced generation devices related to the research area. Candidates with prior experience in one or more of the following areas: computational modelling, theoretical description of chemical concepts, theory and simulation of molecular compounds or condensed matter, structural and electronic properties of materials, structure-property relationships, photochemistry, optical properties will be given preference. Candidates should submit a CV, transcript of marks & diplomas, a letter of motivation and the names/contact e-mails of two referees. If you are interested in this opportunity, please send these documents not later than January 20<sup>th</sup>, 2022 to Dr. Christine Frayret, [christine.frayret@u-picardie.fr](mailto:christine.frayret@u-picardie.fr).