



Extreme-scale
Mathematically-based
Computational
Chemistry



European Research Council
Established by the European Commission

Master student (M2) internship (6 Months): parallel-in-time

A 6-months master student position (M2 internship) is available in the Laboratoire de Chimie Théorique (LCT, <http://www.lct.jussieu.fr>) at Sorbonne Université under the supervision of Prof. Jean-Philip Piquemal. The work will be performed in link with the European Research Council (ERC) funded EMC2 (Extreme-scale Mathematically-based Computational Chemistry) project. The internship can potentially be extended by a 3-years EMC2 funded PhD thesis.

We are looking for an outstanding candidate interested in molecular dynamics simulations.

Candidates are expected to be creative, independent and to work well in teams. They should have a Ph.D. in Applied Mathematics, high performance computing, Physics or Theoretical Chemistry. Interests for High Performance Computing is mandatory as well as programming skills.

The successful candidate will integrate the team research efforts dedicated to the development of **parallel-in-time algorithms**.

The work will be performed in close collaboration with Prof. Yvon Maday (Laboratoire Jacques Louis Lions, Mathematics, Sorbonne Université).

The interested candidates should send their curriculum vitae to Jean-Philip Piquemal by email.

Prof. Jean-Philip Piquemal

Laboratoire de Chimie Théorique, Sorbonne Université, Paris, France,

& Institut Universitaire de France,

& UT Austin, Department of Biomedical Engineering, USA.

E-mail : jean-philip.piquemal@sorbonne-universite.fr

Website: <http://piquemalresearch.com>