

Call for candidatures Ph.D. Positions

Labex MMCD is one of the *Laboratories of Excellence* which have recently been selected for receiving a French government grant within the frame of the national program *Investments for the Future*. It gathers four laboratories of Université Paris-Est around the general topic of "Multi-scale modelling and experiments for sustainable construction".

More particularly Labex MMCD aims at developing advanced research on civil engineering and environmental materials. This research relies on approaches that involve state-of-the-art modelling, numerical simulations, applied mathematics, experimentation and imaging, in the fields of mechanics and physical-chemistry.

In 2013 Labex MMCD will fund 5 new grants for outstanding Ph.D. students motivated by these topics. The gross income for each position is 25,200 euros per year.

The interested candidates are invited to contact directly the researchers of Labex laboratories¹ and more particularly the people in charge of the five main scientific themes.

Multiphysics of nano-structured materials - qi-chang.he@univ-paris-est.fr

Micromechanics, multiscale imaging and modeling - michel.bornert@enpc.fr,
julien.yvonnet@univ-paris-est.fr

Rheology of complex materials and fluids - jean-noel.roux@ifsttar.fr

Stochastic modeling, quantification and uncertainty propagation for multiscale mechanical models of materials - christian.soize@univ-paris-est.fr

Applications related to civil and energy engineering - pamela.faure@ifsttar.fr,
jeanmichel.pereira@enpc.fr

The Labex Scientific Committee will proceed in April 2013 to the selection of grants based on criteria including candidate application and scientific project.

¹ <http://www.univ-paris-est.fr/fr/labex-mmcd-modelisation-experimentation-pour-la-construction-durable/>