



Department of Mechanics

Assistant Professor Position in Modeling in Computational Biomechanics

Application Deadline: March 1, 2015

Starting Date: September 2015

The Department of Mechanics of the École Polytechnique invites applications for a faculty position at the Assistant Professor level in the area of computational biomechanics.

The position is opened in the framework of a prospective joint team between Ecole Polytechnique and Inria, “M3DISIM” (Mathematical and Mechanical Modeling with Data Interaction in Simulations for Medicine), a part of the “Mechanics and Living Systems Initiative” of the Department of Mechanics. Candidates must have demonstrated excellence in research and teaching and should have a strong interest in teaching mechanics at both the undergraduate and graduate levels.

The ideal candidate will have a Ph. D. in Mechanics, Physics or Applied Mathematics with experience in the modeling of living tissues, possibly comprising multi-scale aspects, coupled systems, inverse problems, and related numerical approaches. Integrating research with teaching will be an important attribute of the successful candidate, as well as the ability to propose project oriented teaching.

Interested candidates are invited to contact the Department Chair, Prof. Emmanuel de Langre (emmanuel.de-langre@polytechnique.edu) and the Director of the Solid Mechanics Laboratory, Prof. Patrick Le Tallec (patrick.letaltec@polytechnique.edu).

Applications should be submitted directly via École Polytechnique's website (<http://www.polytechnique.edu/>). The application deadline is **March 1, 2015**.