



Department of Mechanics

Gaspard Monge Assistant Professor in Sport Physics

Application Deadline: March 30th, 2018
Anticipated Starting Date: September 2018

The Department of Mechanics at École Polytechnique invites applications for a Gaspard Monge Assistant Professor in “sport physics” (that is, a tenure-track position of two consecutive three-year contracts with interesting financial conditions).

Candidates must hold a PhD and have a track record of excellent research and teaching. The selected candidate will be expected to teach courses in mechanics at different levels in the different curriculum offered by Ecole Polytechnique (Bachelor, Ingénieur Polytechnicien Program and Master), and to contribute to broadening the department's course offer at both the undergraduate and graduate levels. The candidate's ability to contribute to project classes and strengthen the relationships between teaching, research and applications will be an important selection criterion.

The selected candidate will join the Hydrodynamics Laboratory at Ecole Polytechnique (LadHyX), where she or he is expected to lead an original research activity in sport and parasport physics. The candidate will propose a research project and/or have a demonstrated expertise in the fields of mechanics and physiology of sports and parasport in order to strengthen this activity at LadHyX. An experience and/or track record in the physical and mechanical aspects of sport modelling will be necessary to collaborate with different LadHyX groups and athletes.

In terms of responsibilities and duties, Assistant Professor positions at École Polytechnique are equivalent to the French academic positions of “Maître de Conférences”.

Interested candidates are invited to contact as soon as possible the Department Chair, Christophe Josserand christophe.josserand@polytechnique.edu and Christophe Clanet, Head of the Laboratoire d'Hydrodynamique, clanet@ladhyx.polytechnique.fr.

Applications must be submitted directly via Ecole Polytechnique's website (<http://www.polytechnique.edu/>). The application deadline is **March 30th 2018**.