

Mechanics Department



Assistant professor position in bio-materials

Application deadline: March 15, 2022

Anticipated start date: September 1, 2022

The Department of Mechanics at École Polytechnique invites applications for a faculty position at the Assistant Professor level in Biomaterials, starting September 1, 2022.

Candidates must hold a PhD and have a track record of excellent research and teaching. They are expected to teach courses in mechanics at different levels (Bachelor, Engineering school and Master's) as well as specialized courses in biomaterials. They will also contribute more broadly to the department's course offerings at both the undergraduate and graduate levels.

The candidate is expected to conduct original research in biomaterials, preferably experimentally. Areas of particular interest include multi-scale (micro to nano) biological materials, bioengineering, cellular/tissue engineering, or biological gels and polymers. Candidates interested in collaborating directly with physicians are especially encouraged to apply. The selected candidate will conduct original research within one of the mechanics laboratories of Ecole Polytechnique and will interact extensively with the Interdisciplinary Biomedical Engineering (BME) Program. The BME Program centralizes Ecole Polytechnique's activities in this field. Program faculty members are affiliated with various campus departments including Physics, Mechanics, Biology, and Applied Mathematics.

The candidate should submit a complete CV along with statements of research and a teaching interests.

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

Interested candidates are invited to contact rapidly the Department Chair Christophe Josserand (christophe.josserand@polytechnique.edu) and the BME Head Abdul Barakat (abdul.barakat@polytechnique.edu).

Applications are submitted directly via École Polytechnique's website (<https://candidatures-calliope.polytechnique.fr/calliope-fo/accueil/index.php>). The application deadline is **March 15, 2022**.