



Two Faculty Positions in Mechanical Engineering at the Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Mechanical Engineering invites applications for **two faculty positions** at the level of tenure track Assistant Professors in the fields of **Sustainable Manufacturing** and **Biomechanics**.

For the position in **Sustainable Manufacturing**, we seek applicants who will broadly address the engineering challenges related to developing intelligent manufacturing systems, while attending to the multiple facets of sustainability. Research areas of interest include, but are not limited to: (i) intelligent advanced manufacturing systems; (ii) data-driven manufacturing; and (iii) additive manufacturing. Given that high value-added manufacturing is an essential pillar of the Swiss economy, applicants are expected to demonstrate a potential for direct interactions with industrial partners.

For the position in **Biomechanics**, we seek applicants with a mechanics background who will address research challenges related to the development of theoretical and computational models to investigate, and potentially control or design, biological materials and systems. Research areas of interest include, but are not limited to: (i) cell and tissue mechanics; (ii) architected biomaterials; (iii) prosthetic and assistive mechanical devices; and (iv) pre-operative modeling for surgical interventions.

As a faculty member of the School of Engineering, the successful candidate is expected to initiate an independent and creative research program, and commit to excellence in both undergraduate and graduate teaching.

EPFL offers internationally competitive salaries, generous research support, significant start-up resources, and outstanding research infrastructure.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, research plan and teaching interests. Applicants should provide the names and addresses of at least 3 referees who are ready to supply a reference letter upon request. Applications must be uploaded in PDF format to the recruitment web site:

<https://facultyrecruiting.epfl.ch/position/xxxxxxx>

Formal evaluation of candidates will begin on **December 1st, 2022**.

Enquires may be addressed to:

Prof. Herbert Shea

Search Committee Chair

e-mail: igmsearch@epfl.ch

For additional information on EPFL, please consult the websites: www.epfl.ch, sti.epfl.ch, igm.epfl.ch.

EPFL is an equal opportunity employer and family friendly university. It is committed to increasing the diversity of its faculty. It strongly encourages women to apply.