



Faculty Position in Sustainable Advanced Manufacturing at the Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Electrical and Micro Engineering invites applications for a faculty position at the level of a tenure track Assistant Professor in **Sustainable Advanced Manufacturing**.

The use of additive fabrication, microassembly, and other such advanced manufacturing techniques to produce wearables, medical devices, and other such microsystems has increased greatly. This has real impacts on the sustainability of such systems, and there are opportunities for significant research contributions at all strata of the technology chain, including materials, processes, modeling, and design. We seek top-level candidates whose research program addresses topics in the broad area of sustainable advanced microsystems manufacturing, and have a strong commitment to excellence in teaching at the undergraduate and graduate levels. Topics of interest include, but are not limited to, **sustainable materials and processes** for microsystems manufacturing, **modeling, design, and electronic design automation** for sustainable advanced manufacturing, **materials/process discovery** through exploitation of machine learning and big data for advanced manufacturing, and other topics that will impact the advancement and sustainability of the field of advanced micromanufacturing.

The EPFL fosters interdisciplinary research and is committed to lead technological advances and translating innovation. We anticipate the new faculty member will be able to build scientific interactions within the EPFL Micromanufacturing Science and Engineering Centre (M2C) and more broadly with the numerous efforts in advanced manufacturing throughout EPFL and beyond under the auspices of the Swiss Strategic Focus Area on Advanced Manufacturing (SFA-AM).

The successful candidate will be offered an appointment in the Institute of Electrical and Microengineering in the School of Engineering. She/he will operate in state-of-the-art labs across

EPFL campuses in Lausanne and/or Neuchatel. Commitment to open science and data dissemination will be positively valued.

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

<https://facultyrecruiting.epfl.ch/position/34865153>

Formal evaluation of candidates will begin on **December 1st, 2021**.

Enquires may be addressed to:
Prof. Vivek Subramanian
Search Committee Chair
e-mail: manufacturing-search@epfl.ch

For additional information on EPFL, please consult the websites: www.epfl.ch, sti.epfl.ch, **IEM** and **M2C**.

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.