



Faculty Position in Integrated Transducers at the Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Microengineering in the School of Engineering is soliciting applications for a faculty position at the level of tenure track Assistant Professor in **Integrated Transducers**.

We seek top-level applicants with research interests in the broad area of *integrated* and *miniaturized transducers*, including both *theoretical* and *experimental* aspects. Areas of general interest include *fundamental principles* of sensing and actuating at the *interface* between physical, chemical and biological parameters and electronics (front-end detection). Particular topics of interest include the transducer *design*, its *micro / nano-fabrication* and *integration* (mechanical, optical, biochemical, magnetic) with the electronics towards scalable (possibly wearable and implantable) smart transducer systems.

Applicants should demonstrate the highest academic excellence with a strong record of high impact publications and show interest in technology transfer and innovation. Candidates with strong academic background, but with few years of experience in industry are welcome.

As a faculty member of the School of Engineering, the successful candidate will be expected to initiate an independent and creative research program and

participate in undergraduate and graduate teaching. Internationally competitive salaries, start-up resources, and benefits are offered.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, and concise statements of research and teaching interests. Applicants should also provide the names and addresses of 3 to 5 referees. Applications must be uploaded in PDF format to the recruitment web site:

<https://facultyrecruiting.epfl.ch/position/23691271>

Formal evaluation of candidates will begin on **December 1, 2020**.

Enquires may be addressed to:

Prof. Philippe Renaud
Search Committee Chair
e-mail: imt-search@epfl.ch

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

