



Faculty Position in Low-Power Analog Electronics at the Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Electrical Engineering in the School of Engineering is soliciting applications for a faculty position at the level of a tenure track Assistant Professor in **Low-Power Analog and RF Electronics**.

We seek top-level applicants with research interests in the broad area of analog and RF circuit design. Topics of interest include, *but are not limited to*: (i) the design of analog circuits and RF transceivers for IoT and 5G/6G devices, (ii) the design of low-noise and low-power sensor interfaces including imagers, (iii) time-of-flight (ToF) sensors and radar transceivers, (iv) ultra-low-power time and frequency references. The candidate is also expected to explore the design of low-power circuits using new devices in emerging technologies.

Applicants should have demonstrated a record of excellence in their chosen scientific area. Candidates with strong academic background, but with few years of experience in industry are also welcome.

This new position is aimed at reinforcing the collaboration between academia and the Swiss industry in the field of ultra-low-power electronics and RF integrated circuits. Applicants should demonstrate a potential for direct interactions with industrial partners to pursue specific technological advances.

As a faculty member of the School of Engineering, the successful candidate will be expected to initiate and develop an independent and creative research program, as well as to 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/23691275>

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

Enquires may be addressed to:
Prof. Jean-Philippe Thiran
Search Committee Chair
e-mail: iel-search@epfl.ch

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

