

Faculty Position in Energy Storage Systems Ecole polytechnique fédérale de Lausanne

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Posted Sep. 26, 2024, set to expire Jan. 28, 2025

Job Title	Faculty Position in Energy Storage Systems
Department	The Institute of Electrical and Micro Engineering
Institution	Ecole polytechnique fédérale de Lausanne Lausanne, , Switzerland
Date Posted	Sep. 26, 2024
Application Deadline	Dec. 1, 2024
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Electrical and/or Electronics Engineering - Other Energy Technology
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Job Description

The Institute of Electrical and Micro Engineering is soliciting applications for a faculty position in **Energy Storage Systems**. The appointment will be at the level of Tenure Track Assistant Professor.

We seek top-level applicants with research interests in the broad area of energy storage devices and their integration into modern and future energy systems. Topics of interest include, but are not limited to: (i) advanced planning and operation of energy storage systems connected to energy grids with stochastic production sources, particularly concerning hydropower technologies connected to current electrical systems requiring rapid regulation services, (ii) modelling of energy storage technologies, (iii) energy storage for automotive applications and, more in general, for autonomous systems.

A doctorate will be required at the starting date. The candidate is expected to develop an independent

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and competitive research program in a multidisciplinary environment. The Faculty member will supervise their own PhD students and will be a proactive member of the Electrical Engineering and Energy communities, engaging with researchers in related fields across the EPFL campus. The successful candidate must have a strong commitment to excellence in teaching and contribute to Electrical Engineering and Energy education programs at the undergraduate and graduate levels. Candidates with strong academic background, but with few years of experience in industry are also welcome to apply.

This new position is aimed at reinforcing the collaboration between academia and the Swiss industry in the field of power and energy systems. Applicants should demonstrate a potential for direct interactions with industrial partners to pursue specific technological advances.

The EPFL environment is multilingual and multicultural. EPFL offers internationally competitive salaries, generous research support, significant start-up resources, an outstanding research infrastructure, and close ties to the Swiss Federal government as well as the international policy hub in Geneva. Academics in Switzerland enjoy many research funding opportunities and an exceptionally high standard of living.

The application package should include the following documents in pdf format: cover letter with a statement of motivation; curriculum vitae; list of publications and patents; concise research statement; concise teaching statement; as well as the names and contact of three to five references who are ready to supply a letter upon request.

Application deadline: **1 December 2024**

Applications should be uploaded to the EPFL recruitment page:

<https://facultyrecruiting.epfl.ch/position/57671680>

Inquires can be addressed to:

Prof. Mario Paolone

Head of the Distributed Electrical Systems Laboratory (DESL)

Institute of Electrical and Micro Engineering (IEM)

Chair of the Search Committee

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E-mail: iem-search@epfl.ch

Further information on EPFL, STI and the Institute of Electrical and Micro Engineering, is available at: epfl.ch, sti.epfl.ch, iem.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.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Switzerland