ETH zürich

Assistant Professor (Tenure Track) or Professor of Power Electronics and Drive Systems

The Department of Information Technology and Electrical Engineering (D-ITET; https://ee.ethz.ch/) at ETH Zürich invites applications for the above-mentioned position. The new professor will lead a strong and innovative research and teaching program. Potential areas of interest include basic research on power electronics and drive/machine systems, and/or device integration, with applications in, for example, mobility (street, rail, air, and sea), renewable energies, storage systems, advanced electrical machines, smart cities or powering the digital revolution on all levels from large-scale central datacenters to small-scale mobile or IoT devices. Laboratory space to build hardware and test prototypes is available. The exact research focus is to be defined by the successful candidate, but it should bring new research directions while complementing and allowing collaborations with the existing groups in the research area “Energy” of D-ITET.

Successful candidates must be committed to innovative and engaging teaching at the bachelor’s as well as at the master’s level in the area of power electronics and/or drive systems. At ETH Zurich, undergraduate level courses are taught in German or English and graduate level courses in English.

Assistant professorships have been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to that of other top international universities. Applications from candidates for the position at the associate/full-professor level with excellent qualifications and longer academic experience may be considered as well. The level of the appointment will depend on the successful candidates' qualifications.

ETH Zurich is an equal opportunity and family-friendly employer, values diversity, and is responsive to the needs of dual-career couples.

Please apply online: www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications and projects, a statement of future research ideas (including explanations on how to complement the research area “Energy” at D-ITET) and teaching interests, a description of the leadership philosophy, three key publications (including an explanation why they are key), a description of the three most important achievements, and a certificate of the highest degree. The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Joël Mesot. The closing date for applications is 1 September 2025**.