ETH zürich

Assistant Professor (Tenure Track) of Solar Energy Engineering

The Department of Mechanical and Process Engineering (www.mavt.ethz.ch) at ETH Zurich invites applications for the above-mentioned position.

Successful applicants must demonstrate an excellent international record of research accomplishments in solar energy science and engineering. The new professor is expected to establish an ambitious, world-class research program in the fast-evolving field of solar energy. We encourage applications from scientists and engineers from the entire spectrum of solar energy, from photo-, electro-, or thermo-chemical energy conversion to storage and utilization. Candidates should demonstrate a core area of scientific expertise and solid theoretical foundation with a strong motivation to apply this knowledge to develop novel and efficient solar technologies. Examples include (but are not limited to) processes and devices for solar-driven production of fuels and energy-intensive commodities such as chemicals, as well as for storage of solar energy and innovative approaches for solar electricity.
Successful candidates should hold a Ph.D. degree or equivalent in engineering or a related area and have an outstanding record of accomplishments in solar energy. Furthermore, a strong motivation and indisputable commitment to undergraduate (in German or English) and graduate (in English) teaching and the ability to lead a research group are expected.

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. As a faculty member of ETH, the successful candidate can initiate and run their research program building on significant start-up resources, an annual research budget and state-of-the-art research infrastructure. Our salaries and benefits are internationally competitive. We offer a highly international environment that is multilingual and multicultural.

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 and teaching interests, a description of the leadership philosophy, three key publications, 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 31 December 2023**.