



Professors or Assistant Professors (Tenure Track) of Mechanical and Process Engineering

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

Successful candidates must have outstanding accomplishments and future potential in an area of mechanical and process engineering. The following topical areas or combinations thereof are of particular interest: (i) engineering mechanics: all areas including theory, numerics, experimentation and their applications, (ii) manufacturing: all related disciplines ranging from digitalisation to engineering design to additive manufacturing, advanced laser technologies and novel materials systems and (iii) digitalisation in production: all areas including the development of “smart processes”, new algorithmic strategies such as deep learning, artificial intelligence and internet of things. In addition to the above areas, exceptional candidates in any field within the domain of mechanical and process/chemical engineering will also be considered. The Department of Mechanical and Process Engineering is committed to promoting interdisciplinary and cutting-edge research - covering the full range from fundamental to applied - and working to meet societal challenges. The new professors are expected to provide inspiration and leadership in research, contribute proactively to both undergraduate (in German or English) and graduate level (in English) teaching, establish an independent research profile while advising doctoral students and mentoring scientific staff and add to the diversity of the academic community. Successful candidates should hold a PhD or equivalent degree in mechanical engineering, process/chemical engineering or a related field at the beginning of employment.

Assistant professorships have been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to other top international universities. The level of the appointment will depend on the successful candidate's qualifications.

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 and a description of the three most important achievements. The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Lino Guzzella. Submissions will be reviewed starting on 1 December 2018, but applications are welcome until the positions are filled.** ETH Zurich is an equal opportunity and family friendly employer and is responsive to the needs of dual career couples. We specifically encourage women to apply.