



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Professor of Mechanics

The Department of Mechanical and Process Engineering at ETH Zurich invites applications for a Professorship in Continuum Mechanics at the Full or Associate Professor level.

The candidate should develop an exceptional research program with a particular emphasis on the development of constitutive equations and implementation on mechanical systems using modern numerical methods for specific applications. Possible focus areas are: Modeling of biological materials, modeling of manufacturing processes, or the combination of nano and continuum mechanics. Teaching duties include the participation in both introductory and advanced courses in mechanics for students of the programs of Mechanical and Process Engineering, Civil Engineering, and Electrical Engineering and Information Technology. Advanced courses focus on the basic principles of continuum mechanics and their application to concrete problems. The new professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

Apart from a PhD degree, the successful candidate must have an excellent track record in research and teaching in the above mentioned field. Furthermore, the willingness and ability to collaborate with colleagues in and outside of ETH Zurich as well as with the industry is a prerequisite.

Please submit your application together with a curriculum vitae and a list of publications **to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, 8092 Zurich, Switzerland, or via e-mail to faculty-recruiting@sl.ethz.ch**. With a view towards increasing the proportion of female professors, ETH Zurich specifically encourages female candidates to apply.