



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

### **Assistant Professor (Tenure Track) in Rehabilitation Engineering**

The Department of Health Sciences and Technology ([www.hest.ethz.ch](http://www.hest.ethz.ch)) at ETH Zurich invites applications for the above-mentioned professorship. The Department offers outstanding opportunities to build an interdisciplinary research program and provides multiple technical platforms including mechatronic prototyping facilities, several imaging centers, and animal facilities. The Department is linked to the Neuroscience Center Zurich (ZNZ), Life Science Zurich Graduate School, the University of Zurich, the University Hospital of Zurich, the University Hospital Balgrist and further local rehabilitation clinics.

The goal of the new professorship is to develop novel methods, tools and technologies to treat sensorimotor or cognitive impairments and to compensate for related disabilities through wearable assistive technologies. Furthermore, novel technical methods should be applied to obtain a better understanding of the neurological and musculoskeletal correlates of different impairments and, thus, help to further improve the quality of rehabilitation treatment. This requires the integration of concepts from engineering and robotics with concepts from neuroscience, movement science and/or biomechanics. The successful candidate is expected to have a strong technical background, e.g. in engineering, physics, or computer science, and cross-disciplinary experience in neuroscience, medicine or therapy. We are searching for an enthusiastic colleague with excellent scientific record. Interdisciplinary collaborations with clinical and basic science groups are expected. The professorship will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

**Please apply online at [www.facultyaffairs.ethz.ch](http://www.facultyaffairs.ethz.ch)**

Applications should include a curriculum vitae, a list of publications, and a statement of your future research and teaching interests. The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 31 March 2014.** ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. In order to increase the number of women in leading academic positions, we specifically encourage women to apply.