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Bulletin

Editorial
A propos...

Die Förderung des akademischen Nachwuchses
L'encouragement de la relève académique

Stellenangebote / Postes à pourvoir

ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor (Tenure Track) of Computational Biology
Assistant Professor (Tenure Track) of Bioinformatics

ETH Zurich is strengthening its involvement in the area of computational science. The initiative is aimed to foster concerted interdisciplinary research and teaching collaborations, in particular in the life sciences.

Applications from candidates with internationally recognized research credentials and proven teaching abilities are invited for two professorial positions:

Assistant Professor (Tenure Track) of Computational Biology
The Department of Biology (www.biol.ethz.ch) at ETH Zurich invites applications for a position of Assistant Professor (Tenure Track) in the area of Computational Biology. Life Science Zurich and the Department of Biology offer outstanding scientific opportunities to participate in interdisciplinary research projects, including close interactions with SystemsX.ch, the Swiss initiative for systems biology, the Functional Genomics Center Zurich and the ETH Laboratory of Computational Science and Engineering. Involvement in the biology teaching program, including teaching within an inter-departmental Master's curriculum in bioinformatics, is expected. Candidates are expected to build a strong, independent research program in theoretical or applied computational biology. Research areas include but are not limited to the development and implementation of novel algorithms for the analysis of complex biological questions, molecular and developmental networks and their dynamic changes in cells, using information available from genomic, proteomic, imaging, and metabolomic data. The successful candidate will be a member of the Institute of Molecular Systems Biology. The future professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

Assistant Professor (Tenure Track) of Bioinformatics
The Department of Computer Science (www.inf.ethz.ch) at ETH Zurich invites applications for a position of Assistant Professor (Tenure Track) of Bioinformatics. Applicants should have an excellent record of internationally recognized research which demonstrates a strong knowledge and link of computer science with computational methods and bioinformatics. The expertise of the successful candidate may encompass areas such as Computational Biology or Modelling and Uncertainty Quantification for the simulation of challenging biological problems. Background in interdisciplinary, innovative research bridging Computer Science with scientific fields such as the Life Sciences and in particular Computational Biology, the Social Sciences, Engineering, Medicine, and Finance while contributing to the development of fundamental Computer Science concepts is highly desirable. The candidate is expected to establish and lead a research group within the Department of Computer Science at ETH Zurich. A strong background in Computer Science is required for this position. Moreover, the successful candidate shall supervise graduate students and teach courses in Computational Science and core courses of Computer Science. The professorship is expected to be instrumental in the participation of joint activities with the departments of Biology and the Department of Biosystems Science and Engineering as well as with the Swiss Institute for Bioinformatics.

Assistant professorships have 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 submit your application together with a curriculum vitae, a list of publications, the names of at least three referees, and a short overview of the research interests to the **President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, ETH Zurich, 8092 Zurich, Switzerland, (or via e-mail as one single pdf to faculty-recruiting@sl.ethz.ch) no later than August 31, 2010.** With a view toward increasing the number of female professors, ETH Zurich specifically encourages qualified female candidates to apply.