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ETH

Eidgenössische Technische Hochschule Zürich
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**Universität
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Professor of Circuits and Systems Neuroinformatics

The Department of Information Technology and Electrical Engineering (www.ee.ethz.ch) at ETH Zurich and the Faculty of Science (www.mnf.uzh.ch) of the University of Zurich invite applications for the above-mentioned position in the Institute of Neuroinformatics (INI) to complement and extend its vigorous research activities.

The research of the candidate should be directed towards the theory and practice of computation in neural systems and behavior, with a strong interest in theory driven experimental neuroscience and information processing by neural circuits. The successful candidate will combine cutting-edge theories and experiments in neural information processing and computation to explore the causal links between neuronal circuits and behaviour in animals. An ability to develop requisite neurotechnologies will be an asset. The successful candidate will contribute to a highly collaborative multi-disciplinary environment. We encourage internationally recognized candidates with strong research records to apply. We seek to fill a full professorship position, but tenure track appointments will be considered as well. The new professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

The INI is a joint institute of the Faculty of Science of the University of Zurich and the Department of Information Technology and Electrical Engineering of ETH Zurich. The INI fosters research at the interface between neuroscience, computing and engineering through its research, teaching and graduate training, and specialist international workshop programs. Its members conduct a coordinated research program by means of multidisciplinary teams composed of about 70 biologists, physicists, psychologists, engineers and computer scientists. Through many levels of experiment and theory INI scientists explore how the circuits of the brain process information to generate intelligent behavior. They exploit new developments in silicon technology and computers as a means of developing models and hardware implementations of information processing and storage in the brain. In order to strengthen interdisciplinary research, the new professor should have a strong overlap with existing interests in the INI, and also forge links with other institutes of the University of Zurich and the ETH Zurich (for example: Biology, Brain Research, Pharmacology, Computer Science, Information Technology and Electrical Engineering, Mathematics, and Physics).

Applications should include a curriculum vitae, a list of publications and statements of future research and teaching activities. The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 15 June 2013.** ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, we specifically encourage women to apply. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer. **Please apply online at www.facultyaffairs.ethz.ch.**

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FEATURES

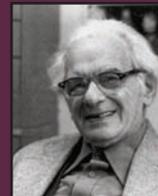
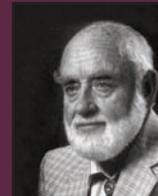
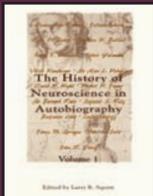
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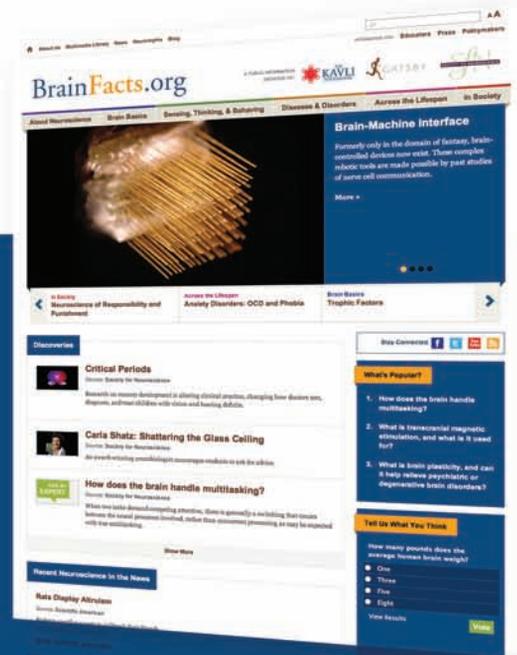
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