LMU LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

G-NODE
DEPARTMENT OF BIOLOGY II

PhD position in computational neuroscience/neuroinformatics

A PhD position is available in the group of Thomas Wachtler at Ludwig-Maximilians-Universität München, Department Biology II, for a highly motivated researcher to study neural processing in the auditory system of the honeybee brain. The research will be performed in the context of a BMBF-funded collaboration with researchers in Japan (Prof. Hiroyuki Ai, Fukuoka University, and Prof. Hidetoshi Ikeno, University of Hyogo), and will involve analysis of morphological data of identified neurons and compartmental modeling to investigate the processing of communication signals in the honeybee. Development of a software system for data management and reproducible analysis and simulation will be an important part of the project.

The position is available immediately. Applicants should have a strong background in computer science, computational neuroscience or a related field, and a keen interest, ideally prior experience, in neurobiology and systems neuroscience. Good programming skills are important and experience with numerical simulations highly beneficial. Applications will be considered until the position is filled.

The University of Munich is interested in increasing the number of female faculty members and encourages women to apply. The university is an equal opportunity employer and handicapped candidates with essential equal qualifications will be given preference.

Please send your application including CV, letter of motivation, and contact details of referees, or informal inquiries **preferably via e-mail** no later than **March 30th, 2013** to:

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[1] http://projects.g-node.org/ginjang/
[2] http://www.neuron.yale.edu/neuron/
[3] http://www.python.org/