The Department for Sensory and Sensorimotor Systems of the Max-Planck-Institute for Biological Cybernetics studies the processing of sensory information (visual, auditory, tactile, olfactory) in the brain and the use of this information for directing body movements and making cognitive decisions. The research is highly interdisciplinary, and uses theoretical and experimental approaches in humans and zebra fish. Our methodologies include visual psychophysics, eye tracking, fMRI, EEG, TMS in humans and behavioral essays, calcium imaging in fish. For more information, please visit the department website: www.lizhaoping.org

We are currently looking for a highly skilled and motivated student to join our group at the earliest possible opportunity.

**Ph.D. position in Zebrafish Neuroscience (m/f/d) (TVöD-Bund E13, 65%)**

**Responsibilities:**

- Conduct and participate in research activities such as study design, laboratory equipment set up, data collection, data analysis, writing reports and papers, and presenting at scientific conferences.
- Assist the fish lab team and participate in routine laboratory operations, such as planning and preparations for experiments, lab maintenance and procedures.
- Participate as a teaching assistant for university courses in our field.

**Requirements:**

- Master’s degree in neuroscience, psychology, computer science, physics or a related natural science or engineering field.
- Skilled in MATLAB or Python programming for experiments, experimental data taking, data analysis, and report writing or manuscript preparation.
- Experience in (or ability to quickly learn) techniques of zebra fish behavior and imaging is highly desirable (required).
- Strong command of English; knowledge of German is a plus.
We offer:
We offer highly interesting, challenging and varied tasks; you will work closely and collaboratively with scientists, students, programmers, administrative staff, and central IT and mechanical/electronic workshop support to help achieve the scientific goals of the department. A dedicated team awaits you in an international environment with regular opportunities for further education and training. The salary is paid in accordance with the collective agreement for the public sector (TVöD Bund), based on qualification and experience and will include social security benefits and additional fringe benefits in accordance with public service provisions. This position is for three years.

The Max Planck Society seeks to employ more handicapped people and strongly encourages them to apply. Furthermore, we actively support the compatibility of work and family life. The Max Planck Society also seeks to increase the number of women in leadership positions and strongly encourages qualified women to apply. The Max Planck Society strives for gender equality and diversity.

Your application:
The position is available immediately and will be open until filled. Preference will be given to applications received by November 30, 2021. We look forward to receiving your application that includes a cover letter, your curriculum vitae, relevant certificates, and three names and contacts for reference letters) electronically through our job portal: https://jobs.tue.mpg.de/jobs/150
Informal inquiries can be addressed to jobs.li@tuebingen.mpg.de. Please note that incomplete applications will not be considered.

For further opportunities in our group, please visit http://www.lizhaoping.org/jobs.html