Tübingen, June 11th 2018

Postdoc job: Visual Circuits in Zebrafish, Natural Scenes

The Arrenberg Lab at the University of Tübingen is recruiting a Postdoc at the earliest date possible to work with a Human Frontiers Science Program team (UC Berkeley, Univ of Maryland and Univ of Toronto) that is investigating population level neural activity and behavior in zebrafish and African cichlids evoked by natural underwater scenes. The project involves the design and deployment of a visual stimulus setup suitable for the color vision and large visual fields of zebrafish eyes. Field work will be conducted in West Bengal. Videos will then be used in the lab to assess behavioral and neural responses to captured natural scenes using custom rigs for 2-photon brain imaging and behavior. Statistical analyses will be performed to extract task-relevant visual features. We are seeking a dexterous candidate that has a systems neuroscience background in addition to programming skills (e.g. Matlab). Those with an engineering or physics background are also encouraged to apply. Salary is based on the German Public Service Level TV-L E13. We encourage applicants that are underrepresented in science to apply. For more information or to apply, please send an e-mail to aristides.arrenberg@uni-tuebingen.de and include a CV, transcripts, the contact info for two references and a statement about your motivation and interests.