

Postdoc for joint project on bio-inspired control and ML (EPFL/TUM)

Pavan Ramdya`s Laboratory of Neuroengineering (EPFL, Lausanne, Switzerland) and Jakob Macke`s Computational Neuroengineering Group (TU Munich, Germany) invite applicants for a joint Postdoctoral position in bioinspired control and machine learning. We will ideally support the candidate in an application through the Eurotech Postdoc initiative (<http://postdoc.eurotech-universities.eu>, proposal deadline 28.02.2019), but alternative funding sources are available.

The Postdoctoral Fellow will explore deep networks and bioinspired neural network controllers to actuate an in silico model of *Drosophila melanogaster*. These investigations will inform and be performed in dialogue with colleagues performing in vivo functional imaging experiments and quantitative behaviour in tethered, behaving flies. They will enjoy a competitive salary, benefits, and a high quality of life in either the French-speaking part of Switzerland (Lausanne) or in Munich, but in an English-speaking setting. They will be expected to have a PhD providing them with experience in computational neuroscience, machine learning, or a related discipline. Female applicants are strongly encouraged to apply.

Interested Postdoctoral applicants should contact Pavan Ramdya (pavan.ramdya@epfl.ch) or Jakob Macke (macke@tum.de) with their CV, an informal Statement of Interest, and the contact information for 3 Reference Letter Providers as soon as possible.

Further information about our research can be found at <https://ramdya-lab.epfl.ch/> (Pamdya), <http://www.ei.tum.de/cne> and www.mackelab.org (Macke).