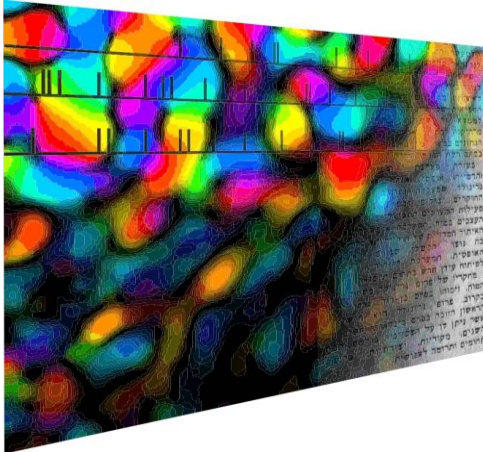


German-Israeli Project Cooperation



PhD-position in Neuroscience – Optical Imaging

We are seeking a highly-motivated candidate for a PhD position within the framework of the German-Israeli Project Cooperation “Decoding visual content and perception from neuronal population activity in visual cortex: VSDI, fMRI and computational modelling”.

This project includes in vivo voltage-sensitive dye imaging (VSDI) of the mammalian cortex. Further, we will compare neuronal processing dynamics, as captured by VSDI, with human fMRI-data.

Keen interest in visual system neuroscience, a strong background in mathematics and programming are required. Intense interchange with our project partners in Israel and Berlin demands willingness to travel and high interest in interdisciplinary approaches.

For more information see

<http://www.nncn.de/nachrichten-en/deutschisraelischesprojekt/>

The successful candidate (Master or Diploma degree in Biology, Physics, or Neuroscience are required) will benefit from being part of the neuroscience community at the Ruhr-University (SFB 874 - and the Research Department of Neuroscience). The student will enjoy collaborative input from the Institut für Neuroinformatik, and will have full access to state-of-the-art computational and optical imaging facilities.

The position (salary is in accordance with the german state public service salary scale - E13 TV-L/2) is presently available for 3 years. Application process will remain open until the position is filled.

Applications:

To apply, please send CV, personal statement of research background and interests and the name and contact of 2 referees (one pdf document) to dirk.jancke@rub.de

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The Ruhr-University Bochum is committed to equal opportunity. We strongly encourage applications from qualified women and persons with disabilities.