Postdoctoral Position in High-Resolution Optical Imaging

We focus on the development and biological application of advanced optical imaging technology with a special emphasis on methods that enable analysis of living cells and tissues at a spatial resolution beyond the diffraction resolution limit of classical light microscopy.

Our group has an opening for a postdoctoral researcher with a background in biology, medicine, or a related discipline. The ideal candidate will be excited to work in an interdisciplinary environment and will be willing to cross conventional disciplinary borders. We encourage scientists from a broad range of backgrounds - who are excited about novel developments in cellular analysis - to apply. Experience in the following areas is particularly appreciated: setting up of cellular assays, state-of-the art approaches for genetic manipulation of cells, advanced cell and tissue culture methods, electrophysiology, fluorescent labelling strategies, as well as high-resolution and live cell optical imaging. The research will be conducted at the interface between the development of novel methods for live-cell optical analysis and biological application.

The researcher will have the opportunity to address problems in the biomedical context with cutting-edge microscopy tools that are specifically developed and tailored to the problem under study. For this, the candidate will work together with physicists in a highly interdisciplinary approach and contribute to the technological developments.

The Institute of Science and Technology Austria is a young and highly dynamic institution that is rapidly growing. IST Austria is committed to conducting leading-edge research in the natural and mathematical sciences. It provides an international and highly stimulating scientific and personal environment with state-of-the-art infrastructure. IST Austria is located in Klosterneuburg on the outskirts of Vienna.

Highly skilled scientific staff supports researchers in a series of professionally run scientific service units. These include a bioimaging facility, an electron microscopy facility, a life science facility, a machine shop and electronics workshop, scientific computing, and a nanofabrication facility.

To apply, please send your CV, a cover letter and contact information for three references in pdf format to:

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