Postdoctoral Position in High-Resolution Optical Imaging

We focus on the development and 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 position in

**optical physics and imaging.**

The research will be conducted at the interface between the development of novel methods and the underlying physical principles on the one side and the biological application on the other side. The ideal candidate will have a background in optical physics, AMO physics, biomedical engineering, or a related discipline, optical (high-resolution) imaging, control electronics, and programming/modelling, and will be excited to work in an interdisciplinary environment. We value researchers who are willing to cross conventional disciplinary borders and encourage scientists from a broad range of backgrounds - who are excited about novel developments in cellular analysis - to apply. The researcher will have the opportunity to develop the methodology to address specific questions in the biomedical context and will work together with cell biologists and neuroscientists in a highly interdisciplinary approach.

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 state-of-the-art 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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