

Postdoctoral Position in High-resolution Optical Imaging

We are looking for a postdoctoral researcher for the development of novel optical microscopy approaches. We focus on developments that enable analysing biological specimens with spatial resolution at the nanometer scale, much better than the optical diffraction limit.

We seek for candidates with a background in

physics, optics, engineering or related disciplines.

Ideally, the candidate has previous experience in electronics, programming, and/or hardware control. Previous experience in fluorescence light microscopy is appreciated but not a prerequisite. We also explicitly encourage applications from researchers who were trained in a fundamental physics environment, like e.g. in quantum optics or ultracold quantum gas research, and who would like to now apply their expertise at the intersection of physics and the life sciences.

IST Austria is located in Klosterneuburg at the outskirts of Vienna with its rich cultural life and immediate access to nature, e.g. in the Viennese Forest. We offer an outstanding research environment in a young and vibrant institution that covers physics, chemistry, biology, neuroscience, mathematics, and computer science with a strong emphasis on interdisciplinary approaches.

Within the Danzl group, physicists, biologists, and neuroscientists work together to develop and apply light microscopy approaches that reveal hitherto inaccessible information about biological specimens.

Successful applicants will have a proven research track record on an internationally competitive scale with publications in well respected scientific venues.

Funding should ideally proceed via IST Austria's ISTplus fellowship program (deadline 15th of March 2019): <http://ist.ac.at/research/postdoctoral-research/istplus/>

Funding is available also for outstanding candidates who are not eligible for ISTplus.

For further information on the group, see here:
<https://ist.ac.at/research/research-groups/danzl-group/>

Further information on IST Austria can be found here: <https://ist.ac.at>

Interested candidates should contact **Johann Danzl** directly:
johann.danzl@ist.ac.at with the assistant Rita Six in CC: rita.six@ist.ac.at.
Applications should include a statement of motivation/research, a CV, publication list, copy of transcripts, and the name and contact details of 3 references.