



Grow with us. Support excellent research.

IST Austria is a constantly growing international institute for conducting frontier research in the life sciences, the physical sciences, mathematics, and computer science, located in Klosterneuburg on the outskirts of Vienna. As employees in Administration and the Scientific Service Units, we strive to support IST Austria's scientists in performing excellent research.

Advanced Microscopy

FULL TIME (40h)

The Bio-Imaging Facility of the IST Austria provides state-of-the-art fluorescence microscopy services, Flow Cytometry services, as well as custom image analysis and optical development services. We are enlarging our team and are searching for a full-time advanced microscopist. Are you interested in how your future working place may look like? This [video](#) provides a bird's eye view of IST Austria.

Responsibilities

- Support of basic facility operation: routine care of the microscopy equipment, (basic) training of the users
- Support and development of advanced quantitative microscopy-based measurement, with a focus on multi-photon imaging application (cognate awake animal imaging, 2nd and 3rd generation harmonics microscopy), recording and analysis of calcium dynamics, opto(-genetic) stimulation
- Projects based tasks, such as: optimization of cleared tissue and organoid imaging methods, establishment of Adaptive Optics, real-time feedback microscopy, image analysis and machine learning applications
- Assist in teaching and organization of annual microscopy course

Requirements

- PhD or relevant education involving optical development and/or neuroscience.
- Broad knowledge of the technical aspects of microscopy
- Elaborate experience with advanced (multi-photon and light-sheet) imaging applications: optical stimulation, tissue clearing and image analysis
- Familiar with at least some of the following programs/languages: ImageJ/FIJI (advanced), Imaris, Java, KNIME, LabVIEW, Matlab, Micro-Manager, Python
- Good communication skills in English is mandatory
- Ability of team-oriented work, reliable, ability to work independently
- Organizational and project management skills are of great advantage
- Work experience in an academic environment is advantageous

IST Austria

- Offers challenging positions in a dynamic and growing organization
- Supports learning and development
- Provides flexible working times and numerous fringe benefits
- Promotes an international and open culture
- Supports an appreciative and respectful work environment
- Values diversity and is committed to equality
- Free Shuttlebus for employees (Departing from Heiligenstadt, travel time: about 22 min.) and free parking places

To apply for this position send your application (including CV, certificates and references) by e-mail to:

recruiting@ist.ac.at

We offer a minimum salary of EUR 3,000 gross/month, with possible overpayment depending on education, qualification and work experience. IST Austria processes your personal data in accordance with the statutory data protection regulations. For more information including your rights as a data subject please refer to our data privacy statement: <https://ist.ac.at/data-protection/>.

