Job advertisement

Vacancy ID: xx/2020

Closing Date: 25.06.2020

FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA

The Friedrich Schiller University Jena, Germany, connects people and ideas, science and economy, institutions of higher education and external research organizations. Being rooted in the heart of Germany and having worldwide bonds, the university, covering all disciplines, characterizes the city of Jena as a future-oriented and cosmopolitan location together with its partners.

The Cluster of Excellence *Balance of the Microverse* invites applications for a

Imaging specialist (f/m/d)

for the Microverse Imaging Center

The Cluster of Excellence "Balance of the Microverse" (microverse-cluster.de) at the Friedrich Schiller University Jena combines expertise in life, material, optical and computational sciences to study the interactions and functions in microbial communities in diverse habitats ranging from oceans and groundwater to plant and human hosts. Work in the Cluster will be supported by an integrative research data management leveraging and extending state of the art computer science methods.

The Microverse Imaging Center offers support in biomedical imaging to the members of the Cluster of Excellence "Balance of the Microverse" and other researchers in Jena. On top of hosting state-of-the-art turnkey microscopes, the Microverse Imaging Center also supports technological development and exchange between physicists and biologists. The new imaging facility offers currently two fluorescence microscopes. At least two to three additional instruments are planned for the coming couple of years. We are looking for an imaging specialist to work as the assistant imaging facility manager and assist us in this exciting phase of starting up the facility.

The successful candidate will focus on supporting the users in training and assisting microscope usage and helping to run the facility. Duties will include testing, maintenance and trouble-shooting of the microscopes as well as contributing to all aspects of the day-to-day running of the facility. The position will be jointly supervised by Prof. Dr. Christian Eggeling (www.biophysical-imaging.com) and Dr. Aurélie Jost. The successful candidate will work closely with colleagues from different disciplines in order to discuss their research projects, advice the facility users in their choice of imaging modality and preparation protocol, teach and train them, as well as assist them through the whole workflow, from experimental design to data analysis.

We expect:

- A Doctorate or Master's Degree with working experience in (bio-)physics, biochemistry, computational sciences or closely related fields. Candidates in the final stages of obtaining their degree are eligible to apply.
- Extensive practical and theoretical knowledge of optical fluorescence microscopy and its various implementations/techniques, for instance high-end and super-resolution applications.
- Experience with cell-biological work and fluorescence labeling, especially experience in sample preparation for optical microscopy is a strong advantage, as well as the ability to set up and adapt protocols and apply new laboratories techniques
- Excellent interpersonal and communication skills and an open-minded, service-oriented and problem-solving mindset
- Excellent attention to detail and record keeping skills
- Knowledge regarding data evaluation, statistics, image processing, programming, as well as expertise in developing optical technologies are beneficial
- The willingness to always broaden one's expertise and keep up-to-date with latest development in optical microscopy and its application to the biosciences
- Previous experience in an imaging facility environment is an advantage but not required
- Highly motivated individuals with an interest in joining our interdisciplinary and international research consortium

- Excellent English communication skills, both written and spoken, are required. A good level of German is an advantage.

We offer:

- Remuneration in accordance with the Collective Agreement for the Public Sector of the Federal States (TV-L) depending on the personal qualifications up to salary scale E13
- A highly communicative atmosphere within a scientific network providing top-level research facilities
- *Jena – City of Science*: a young and lively town with a high-level international and interdisciplinary research culture
- Attractive staff benefits, for instance, contributions to the employee savings plan, season ticket loans for public transport, pension scheme (VBL)
- A university scheme for promoting your health and well-being, and a family-friendly working environment with flexible working options

The full-time position (100%, up to TV-L E13) is initially limited to two years and is currently anticipated to start between 01.10. – 01.12.2020; an extension might be possible subject to availability of funds. The Friedrich Schiller University Jena is an equal opportunity employer and part-time contracts can be discussed. Disabled persons with comparable qualifications will receive preferential status.

For further information please contact Dr. Aurélie Jost (aurelie.jost@uni-jena.de)

Applications in English should comprise a cover letter, a detailed curriculum vitae, copies of academic certificates. Please submit your application as a single PDF document via email attachment to **microverse@uni-jena.de**.

Application deadline: 25th June 2020

For further information for applicants, please also refer to: www.uni-jena.de/stellenmarkt_hinweis.html For information on collecting personal data, please refer to: www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis.html