The Tübingen Neuroscience Campus (TNC http://tuebingenresearchcampus.com/) integrates clinical, basic and data science. We strive to conduct neuroscience research at the highest level of excellence and to translate its results into novel methods for the diagnosis and treatment of patients with neurologic diseases. Two important centers of the TNC are the Hertie Institute for Clinical Brain Research (HIH http://www.hih-tuebingen.de/) and the Werner Reichardt Centre for Integrative Neuroscience (CIN http://www.cin.uni-tuebingen.de/). The HIH is one of the largest centers for clinical and disease-oriented brain research in Germany. During the last 15 years, the HIH has grown to ≈400 employees and is home to around 30 research groups. Founded as a Cluster of Excellence 12 years ago, the CIN is an established interfaculty center for basic research oriented systems neuroscience at the University of Tübingen and one of the biggest and most prolific centers of neuroscience in Europe.

To strengthen the imaging resources at the HIH and CIN we are seeking a highly motivated, team-oriented

Scientist / Application Engineer / Physicist (E13 100%)

to manage central HIH and CIN microscopy instruments and to lead the development of the virtual imaging facility. This includes organization of the workflow, user training and maintenance of microscope setups, as well as close collaboration with biologists and medical scientists to guide their use of advanced microscopic techniques (2 photon-, confocal- and super-resolution microscopes) and to develop new protocols for data acquisition and analysis. The person will also be responsible for the future development of the facility, including evaluation of the emerging cutting-edge technologies, preparation of third-party grants and acquisition of the instruments.

Candidates are expected to hold a PhD or have long-term equivalent experience in optical techniques using fluorescence (and preferably also two-photon) microscopy as well as image analysis. Preference will be given to applicants with experience in prototyping (e.g. machining, 3D printing, electronics), programming skills and a (neuro-)biological background with a track of record in developing novel imaging techniques or other biomedical/neuroscience applications. Good communication skills and proficiency in English are required.

We offer

- An interesting and challenging job at the intersection of physics, neuroscience and health research
- An international environment characterized by a strong focus on research and development
- A high potential for individual development
- Opportunities to work independently and to collaborate with different user groups

We are an equal opportunity employer offering attractive conditions and benefits appropriate to an international research organization with a very collegial and family friendly working environment.

The position is available immediately and initially limited to 2 years. Employment, payment and social benefits are determined by the Public Sector Collective Agreement (Tarifvertrag für den öffentlichen Dienst der Länder – TV-L).

Interested applicants should send their application to Dr. Katherina Goris (CIN Central Office, applications@cin.uni-tuebingen.de) containing a cover letter stating their background and motivation for this position, as well as a CV and publication list) until Oct. 1, 2020.