



Zentrale Universitätsverwaltung Abteilung 3 - Personal



783/2017

Halle (Saale), 21.06.2017

External advertisement - Extension of deadline Registration number: 5-5334/17-D

At the Martin-Luther-University Halle-Wittenberg, Faculty of Natural Sciences II, Institute of Physics, Section Medical Physics the fixed-term position (3 years) of

Research Assistant

is available immediately under part-time employment (75% of full-time contract). The salary is determined according to the public sector pay scale up to E13 TV-L depending on the assigned tasks and personal qualifications.

Qualifications / requirements:

- Completed degree (Master, Diploma or equivalent) in physics or a relevant engineering discipline
- Knowledge / practical experience in optics, lasers, opto-electronics, ultrasound/acoustics, instrumentation control, programming, signal processing, mathematical modelling
- Very good spoken and written English
- High motivation, ability to work independently and within an interdisciplinary team, organisational skills, good communication, willingness to travel frequently to our collaborators

Projekt tasks:

- Development of optical detection technologies for photoacoustic microscopy, in particular Fabry-Pérot ultrasound sensors
- Development of technologies from basic research up to first *in vivo* applications
- Publication of scientific results
- Supervision of bachelor and master projects
- Opportunity to complete a doctorate / PhD.

This project is a collaboration with the Integrative Vascular Biology Group (Prof. Holger Gerhardt) at the Max-Delbrück-Centre Berlin-Buch

(www.mdc-berlin.de/43637742/en/research/research_teams/integrative-vascular-biology).

Women are strongly encouraged to apply. Applicants with disabilities will be preferred if qualifications and suitability are comparable.

For more information please contact Prof. Jan Laufer, Tel.: 0345 55-25400,
E-Mail: jan.laufer@physik.uni-halle.de. Informal visits prior to the interview can also be arranged.

Please send your application (incl. covering letter, CV, and two references) **by email** to Birgit Erfurt (birgit.erfurt@physik.uni-halle.de), stating **Reg.-Nr. 5-5334/17-D** The deadline for applications is **09.07.2017**.

Please note that expenses associated with the application process (e.g. travel) will not be reimbursed. Application documents will only be returned if an envelope with pre-paid postage is provided. This job vacancy is conditional and subject to potential legal and financial restrictions.