



Leibniz
Universität
Hannover

The Hannover Centre for Optical Technologies (HOT) invites applications for

Two PhD Student Positions (m/f/d) in the field of Optical Imaging for Medical Applications (Salary Scale 13 TV-L, 75 %)

to start on April 01, 2021, approval by the funding agency and the university administration assumed. The initial appointment will be for 2 years, with the possibility of an extension. The possibility for a PhD thesis is given and desired.

Responsibilities

The advertised position deals with the development and validation of a system for automated optical imaging in dermatology. The topic is part of an interdisciplinary European project for the development of optical systems in medicine. Close cooperation with renowned academic, industrial and clinical partners is essential.

We offer a motivated, dynamic working atmosphere in an application-oriented research field at the interface between optics, physics and engineering.

Conditions of appointment

Requirement for the recruitment is a successfully completed university degree (Master) in physics, optical technologies, engineering or a related field. In-depth knowledge in at least one of the following areas: optical imaging, data analysis, image segmentation, machine learning/deep learning. Experience in general optics and photonics, optics simulation, optical measurement technology as well as good programming knowledge are advantageous.

We expect a high level of commitment and motivation, enjoyment of independent, experimental and theoretical work, good written and spoken German and English skills as well as good communication skills.

For information please contact Prof. Dr. Bernhard Roth (Phone: 0511 762-17907, Email: bernhard.roth@hot.uni-hannover.de). Further information on HOT can be found on our website: www.hot.uni-hannover.de

Please submit your complete application documents including letters of recommendation until January 31, 2021 to:

Gottfried Wilhelm Leibniz University Hannover

Hannover Centre for Optical Technologies (HOT)

Nienburger Str. 17

D-30167 Hannover

<http://www.uni-hannover.de/jobs>

or by Email to Mrs. Vera Vollmert: vera.vollmert@hot.uni-hannover.de

Information on the collection of personal data according to article 13 GDPR can be found at <https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/>.