



Leibniz
Universität
Hannover

The Hannover Centre for Optical Technologies (HOT) invites applications for the position of a

Research Assistant (PhD position, m/f/d) – Photonic quantum networks for optimization problems (Salary Scale 13 TV-L, 75 %)

starting the next possible date. This fixed-term post is initially available until 31.12.2021. The position provides the opportunity of further academic qualification.

Responsibilities and duties

The project focuses on development of photonic concepts and the design and implementation of integrated optical device architectures and optical networks for quantum signal processing systems with applications to machine learning problems.

Employment conditions

Applicants to the position must have a relevant Diploma or Master degree, for example in physics, optical technologies, photonics and optics. The ideal candidate has a strong background in optics and photonics. Knowledge in quantum mechanics and quantum information science is desirable. The candidate should have the ability and willingness to work together with experts from a broad background in science and technology. In addition, very good communication skills in English, oral as well as written, are expected.

Our offer

We offer the opportunity to conduct your research projects in a creative and independent manner within an inspiring, collegial and international team. In addition, you will have the opportunity to further your personal and professional development, to present your results at international conferences and to foster scientific exchange with scientists on an international level.

As an equal opportunities employer, Leibniz University Hannover intends to promote women and men. For this reason, suitably qualified women are specifically invited to apply. Preference will be given to equally qualified applicants with disabilities.

For further information, please contact Prof. Dr. Michael Kues.

Please submit your application together with the usual documents (CV, Cover Letter, transcripts in electronic form to

Email: michael.kues@hot.uni-hannover.de

or alternatively by postal mail to:

Gottfried Wilhelm Leibniz Universität Hannover

HOT - Hannover Centre for Optical Technologies

Nienburger Str. 17, D-30167 Hannover

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

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