



Leibniz
Universität
Hannover

The Institute of Information Processing invites applications for the position of a

Research Assistant (m/f/d) in the field of "Quantum Information and Learning" (Salary Scale 13 TV-L, 100 %)

available immediately. The position is initially limited to 3 years. Within the framework of this position, there is the opportunity for doctoral studies.

Responsibilities and duties

Quantum information theory deals with the fundamental limitations imposed by quantum physics on questions of communication and computation. Recently, a major focus of the field has been on exploring possibilities in the area of learning, including machine learning. The aim of this project is to investigate quantum learning, using information-theoretic methods such as divergences. This approach is fundamentally mathematical, but always with practically relevant scenarios in mind. This will help us to better understand current developments and the future potential of quantum computing in this area.

Employment conditions

A completed university degree in a relevant scientific field, preferably in Information Science, Physics, or Mathematics, is required for employment. Independent working, willingness to learn, and professional as well as social commitment are generally expected. Additionally, proficiency in English, both written and spoken, is required.

We offer a diverse, inspiring institute environment with interdisciplinary, internationally visible research groups that have already achieved extensive scientific success. We enable you to develop scientifically and personally by taking responsibility for scientific and industrial projects.

Leibniz University Hannover considers itself a family-friendly university and therefore promotes a balance between work and family responsibilities. Part-time employment can be arranged upon request.

The university aims to promote equality between women and men. For this purpose, the university strives to reduce under-representation in areas where a certain gender is under-represented. Women are under-represented in the salary scale of the advertised position. Therefore, qualified women are encouraged to apply. Moreover, we welcome applications from qualified men. Preference will be given to equally-qualified applicants with disabilities.

For further information, please contact Prof. Hirche (hirche@tnt.uni-hannover.de).



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Please submit your application with the usual documents by May 30, 2024 to

Email: bewerbung@tnt.uni-hannover.de

or by mail to:

Gottfried Wilhelm Leibniz Universität Hannover

Institut für Informationsverarbeitung (tnt)

Herr Prof. Hirche

Appelstr. 9A

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/>.