



Leibniz
Universität
Hannover

The Institute for Gravitational Physics at the Leibniz Universität Hannover invites applications for the position of a

Research Assistant (Doctoral Student, m/f/d)
"Gravitational Wave Telescope"
(Salary Scale 13 TV-L, 75 %)

with a starting date of 01.09.2020 or later. The position is initially limited to 3 years.

Responsibilities and duties

The position in the research group of apl. Prof. B. Willke is funded within the BMBF joint project "Gravitational Waves Telescope of the Third Generation" and is located in the field of laser stabilization and squeezed light generation. In particular, a stabilized laser source for the ET-Pathfinder Gravitational Wave Interferometer (GWI) prototype will be developed, tested and installed. Furthermore, a stabilized high-power light source with integrated squeezed light generation is to be built and optimized with regard to synergies and usability in GWI of the third generation. The experiments are closely linked to the research at the Max Planck Institute for Gravitational Physics and the Cluster of Excellence Quantum Frontiers and participation in their structured PhD programs is possible and desired.

Employment conditions

A prerequisite for employment is a completed scientific university degree and existing experience in laser interferometry, quantum optics and feed-back control systems.

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 apl. Prof. Dr. B. Willke (Tel.: 0511 762-2360, Email: benno.willke@aei.mpg.de).

Please send your application with the usual documents by 31.07.2020 to:

Gottfried Wilhelm Leibniz Universität Hannover

Institut für Gravitationsphysik

Herrn apl. Prof. Dr. B. Willke

Callinstr. 38

30167 Hannover

or via Email to: benno.willke@aei.mpg.de

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

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