



<b>Faculty/Departement</b>	Mathematics, Informatics, Natural Sciences/Dept. of Physics/ The Hamburg Centre for Ultrafast Imaging (CUI)
<b>Seminar/Institute</b>	Institute of Laser Physics

Pending approval of external funding Universität Hamburg invites applications for a Research Associate for the project **“New insight into superconductivity via quantum control of bi-layer Fermi gases within the Excellence Cluster CUI”** in accordance with Section 28 subsection 3 of the Hamburg Higher Education Act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 1 January 2018.

It is remunerated at the salary level TV-L 13 and calls for 29,25 work hours per week.

The fixed-term nature of this contract is based upon Section 2 of the Academic Fixed-Term Labor Contract Act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed to 31 October 2019.

The University aims to increase the number of women in research and teaching and explicitly encourages qualified women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg Equality Act (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

#### **Responsibilities:**

Duties include academic services in the project named above. Research associates can also pursue independent research and further academic qualifications.

#### **Specific Duties:**

Experimental research with ultracold Fermions. Performing and analysing measurements on superfluid 2D Fermi gases. Upgrading measurement apparatus, developing new techniques for manipulation and imaging of ultracold quantum gases.

#### **Requirements:**

A university degree in a relevant field. Physics  
Excellent knowledge of quantum physics, and preferably also experience in laboratory work with lasers and optics and electronics.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.



Universität Hamburg

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For further information, please contact Prof. Dr. Henning Moritz, Tel. +49-40-8998-5265, Henning.Moritz@physik.uni-hamburg.de or consult our website at <http://photon.physnet.uni-hamburg.de/de/ilp/moritz/>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 25 November 2017. Please send applications to: Henning.Moritz@physik.uni-hamburg.de.