



**Faculty/Department:** Mathematics, Informatics and Natural Sciences/  
The Hamburg Centre for Ultrafast Imaging (CUI)  
Department of Physics

**Seminar/Institute:** Institut für Nanostruktur- und Festkörperphysik

Pending funding, Universität Hamburg invites applications for a Research Associate for the **project "Fast dynamic processes with emphasis on nano magnets within CUI area C.3"** in accordance with § 28 (3) of Hamburg's Higher Education Act (HmbHG\*). The position commences on 1 January 2016.

It is remunerated at the salary level TV-L 13 and calls for 19.5 Hours of work per week.

The short-term nature of this contract is based upon § 2 of the Academic Short-Term Labor Contract Act (WissZeitVG). The term is fixed to 31 October 2017.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with Hamburg's Higher Education Act (HmbHG).

**Tasks:**

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

**Area(s) of Responsibility:**

The successful candidate shall investigate fast dynamic processes with emphasis on nano(<30nm) magnets. Besides the imaging (spatial- and time-resolved) the investigation of new promising systems is an important scope of the work. The latter includes different multi-layer structures and methods for fabrication of nanodots.

**Requirements:**

A university degree in a relevant subject. An excellent Master's degree in physics. Experience in surface science and/or magnetism would be beneficial.

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

For further information, please contact

Prof. Dr. Hans Peter Oepen (oepen@physik.uni-hamburg.de) or consult our website at [http://iap.physnet.uni-hamburg.de/group\\_g/forschung.php](http://iap.physnet.uni-hamburg.de/group_g/forschung.php).

\* Hamburg Higher Education Act

\*\* Full-time positions currently comprise 39 hours per week.



Universität Hamburg

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Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 30 June 2015. Please send applications to: <https://cuiapply.physnet.uni-hamburg.de/>.

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