



Faculty/Departement	Mathematics, Informatics, Natural Sciences/Dept. of Physics/ The Hamburg Centre for Ultrafast Imaging (CUI)
Seminar/Institute	Centre for Optical Quantum Technologies (ZOQ)

Universität Hamburg invites applications for a Research Associate for the project **“Ultrafast Processes in Slow Motion I”** in accordance with Section 28 subsection 3 of the Hamburg Higher Education Act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 1 November 2017.

It is remunerated at the salary level TV-L 13 and calls for 39 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 for a period of 3 years.

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:

We are looking for a creative and highly motivated scientist to work on the interface of cold atom and solid state physics, with an interest in quantum optics. The applicant should have in-depth expertise in quantum dynamics, in particular in semi-classical approaches such as c-field methods. Here, both closed and open system expertise is required.

Requirements:

A university degree in a relevant subject plus doctorate.

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

For further information, please contact Prof. Dr. Ludwig Mathey or consult our website at <http://photon.physnet.uni-hamburg.de/de/ilp/mathey/>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 30 September 2017. Please send applications to: Prof. Dr. Ludwig Mathey (lmathey@physnet.uni-hamburg.de).