

**Faculty/Department:** Mathematics, Informatics, Natural Sciences  
**Seminar/Institute:** CUI: Advanced Imaging of Matter / Institute for Laser Physics

Universität Hamburg invites applications for a Research Associate for the project **“Cluster of Excellence - Advanced Imaging of Matter - Nonclassical Light”** in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 04 March 2019.

It is remunerated at the salary level TV-L 13 and calls for 75 % of standard 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 03 March 2022.

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 the Hamburg act on gender equality (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:**

Planning and setting up a new experiment for the generation of squeezed states of light.

#### **Requirements:**

A university degree in a relevant field. Preferred is a master degree in experimental physics related to laser physics, laser interferometry, quantum optics, opto-mechanics or squeezed-light generation. Required are very good English or German language skills.

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

For further information, please contact Prof. Dr. Roman Schnabel (roman.schnabel@physnet.uni-hamburg.de) or consult our website at <https://www.uni-hamburg.de/forschung/forschungsprofil/exzellenzcluster/advanced-imaging-matter.html>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 17 January 2019. Please send applications to: Prof. Dr. Roman Schnabel (roman.schnabel@physnet.uni-hamburg.de).

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