

Louise Johnson Fellowship: Research Position for an Excellent Female Postdoc

How do the elementary particles of nature move? Can atoms, molecules and electrons in matter be controlled and driven with precision – on all length and energy scales? These questions indicate some of the biggest and most exciting challenges of modern science - and the central objective of The Hamburg Centre for Ultrafast Imaging (CUI): The analysis of fundamental chemical and physical processes in Photon and Nano Science.

A renowned professor of Molecular Biophysics (University of Oxford) and pioneer of protein crystallography, Louise Johnson had an international role in advising on the exploitation of synchrotron radiation for biological research. Professor Dame Louise Johnson (1940-2012) was fascinated by CUI's interdisciplinary research programme, but passed away before she had a chance to start as a collaborator.

In honor of Louise Johnson's achievements, CUI has installed the "Louise Johnson Fellowship", a

- **two-year fellowship**
- **for a female postdoctoral research associate**
- **performing research in one of CUI's research groups**



The key enabling features of the research are the ultrabright x-ray and electron sources on the Hamburg Bahrenfeld Campus. To investigate and evaluate the highly complex processes of CUI's research tasks, it is essential to combine the expertise of scientists in physics, chemistry, medicine and biology. Therefore scientific teams of Universität Hamburg cooperate with teams of Deutsches Elektronen-Synchrotron (DESY), the European XFEL GmbH (XFEL), the European Molecular Biology Laboratory (EMBL), and the and the Max Planck Institute for the Structure und Dynamics of Matter (MPSD). The Centre is funded within the Excellence Initiative by the German Federal and State Governments.

Deadline for application is **May 15, 2015**. The fellowship can be started from fall 2015 onwards.

For further information, please contact Marie Lutz (phone: +49-40-8998-6697, email: marie.lutz@cui.uni-hamburg.de) or consult our website at www.cui.uni-hamburg.de/en/equal-opportunity/louise-johnson-fellowship/