

## Louise Johnson Fellowship: Excellent Research Position for a 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.

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

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



Professor Dame Louise Johnson (1940-2012) was fascinated by CUI's interdisciplinary research program, but passed away before she had a chance to start as a collaborator.

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 Max Planck Research Institute for Structural Dynamics at Universität Hamburg (MPSD). The Centre is funded within the Excellence Initiative by the German Federal and State Governments.

**Deadline for application is May 17, 2016.**

The fellowship can be started from August 1, 2016 onwards and is limited to one year. Please follow the application procedure explained here, where you can also find a list of the respective research groups:

<http://www.cui.uni-hamburg.de/en/equal-opportunity/louise-johnson-fellowship/>

Please send your application to: [cui.opportunity@cui.uni-hamburg.de](mailto:cui.opportunity@cui.uni-hamburg.de) and follow