

1 Postdoc position (d/f/m)

Develop mass spectrometry system for sample delivery at European XFEL (full time)

The **Heinrich Pette Institute** – Leibniz Institute for Experimental Virology in Hamburg, Germany, invites applications for one position in the junior research group "**Dynamics of viral structures**" of **Dr. Charlotte Uetrecht**. The group studies functions and interactions of viral proteins. Using advanced mass spectrometric techniques, especially native mass spectrometry (MS), structural information of viral protein complexes is derived in a time-resolved manner. In the consortium [MS SPIDOC](#), we develop a new mass spectrometric setup to deliver mass and conformation selected ions to X-rays of European XFEL to eventually perform single particle imaging on intermediates of large viral protein complexes.

We are searching for exceptional, highly motivated candidates holding at least a PhD degree in physics and related disciplines with experience in mass spectrometry, instrumentation and ion optical modelling. Experience in any of the following areas will be considered an asset: biophysics, virology, X-ray science and related data analysis. The position is initially funded until 31st Aug 2021. Main work place will be the European XFEL, nearby Hamburg.

We offer the opportunity to perform cutting-edge research in an extremely stimulating work environment equipped with state-of-the-art technology. The position has the possibility for extension after the initial funding period. Payment and social benefits will be in accordance with the regulations of the German TV-AVH (salary agreement for public service employees). The Heinrich-Pette-Institute is an international research institute with English as the working language. For further information please visit the website, <http://www.hpi-hamburg.de>, or contact Dr. Charlotte Uetrecht (charlotte.uetrecht@xfel.eu).

The Heinrich-Pette-Institute promotes professional equality. Handicapped applicants with equal qualifications will be given preferential treatment. We aim to increase the percentage of women in research, and therefore encourage female scientists to apply. Equally qualified candidates with disabilities will be considered preferentially.

Please send your application by **15th Jan 2020**. Please indicate your earliest possible starting date. Applications providing a motivating cover letter, a CV and the names of at least two referees in a **single PDF** should be sent via regular or electronic mail to:

Heinrich Pette Institute, Personnel Department
Martinistraße 52, 20251 Hamburg
email: personalabteilung@leibniz-hpi.de

