

PhD Student - Physics - X-ray Spectroscopy

PhD Student

Deutsches Elektronen-Synchrotron

Germany, Hamburg

Feb 2014

DESY

FS-CXS.

DESY, Hamburg location, is seeking:

PhD Student (f/m)

DESY

DESY is one of the world's leading research centres for photon science, particle and astroparticle physics as well as accelerator physics.

The Scattering with Coherent X-rays (FS-CXS) group co-pioneered the use of X-ray Photon Correlation Spectroscopy (XPCS) and studies complex fluids. The group carried out the first magnetic scattering experiments at the FLASH FEL source and designed the first hard X-ray split-and-delay line.

The position

- Participation in the "Ultrafast X-ray correlation spectroscopy" project
- Development of pulse splitter and delay-line optics (DLXPCS)
- Application of modern X-ray optics
- Participation in experiments on ultrafast X-ray physics and magnetization dynamics (Hamburg, Trieste, Stanford)

Requirements

- Master or Diploma degree in physics or physical chemistry
- Expertise in X-ray optics / X-ray physics or laser physics.
- Interest in modern instrumentation and control
- Good English and communication skills

For further information please contact Prof. Dr. Gerhard Grübel
+49 40 8998-2484.

The position is limited to 3 years

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. DESY operates flexible work schemes. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women. There is a bilingual kindergarten on the DESY site.

Please send your application quoting the reference code EDA005/2014 by using the

APPLY button below. Or else by post:

Deutsches Elektronen-Synchrotron DESY

Human Resources Department j Code: EDA005/2014

Notkestraße 85, 22607 Hamburg, Germany, Phone: +49 40 8998-3392

Deadline for applications: 19 March 2014

www.desy.de

Reference number: EDA005/2014