

The European XFEL will make available X-rays of unique quality for studies in physics, chemistry, life sciences, materials research and others. Located in the Hamburg area, Germany, it will comprise scientific instruments for a wide range of experimental techniques. Construction of the European is underway, its commissioning is scheduled for 2014. The European XFEL GmbH is a non-profit company with DESY as the main shareholder. In the overall task of design, construction, installation and operation of the vacuum systems of X-ray beam transport and experiments we are looking for a

### Senior engineer vacuum systems (f/m)

#### The position

- definition of vacuum specifications
- definition and selection of a vacuum control system
- support of the beam transport group in issues related to vacuum
- build-up of a vacuum group in the course of the project
- during the operation phase also: supervision and maintenance of the vacuum systems

#### Requirements

- degree in engineering or equivalent and several years of working experience
- background in ultra high vacuum technology, mechatronics or physical engineering
- ideal: experience in the design and/or operation of large scale vacuum systems at accelerator or X-ray installations
- documented organizational skills

For additional information contact Thomas Tschentscher ([thomas.tschentscher@xfel.eu](mailto:thomas.tschentscher@xfel.eu))

**Reference number:** E-017 (va)

**Application:** Please apply via e-mail: [recruitment@xfel.eu](mailto:recruitment@xfel.eu)

**Duration:** The position is unlimited.

Salary and benefits are similar to those of public service organizations in Germany. Handicapped persons will be given preference to other equally qualified applicants. The European XFEL GmbH is an equal opportunity, affirmative action employer and encourages applications from women. English is the working language. Knowledge of German will be considered an asset. The European XFEL GmbH project intends to achieve a widely international staff. Non-German candidates hired from abroad receive an international allowance.

■ ■ ■ **Deadline for application:** 30 April 2010

