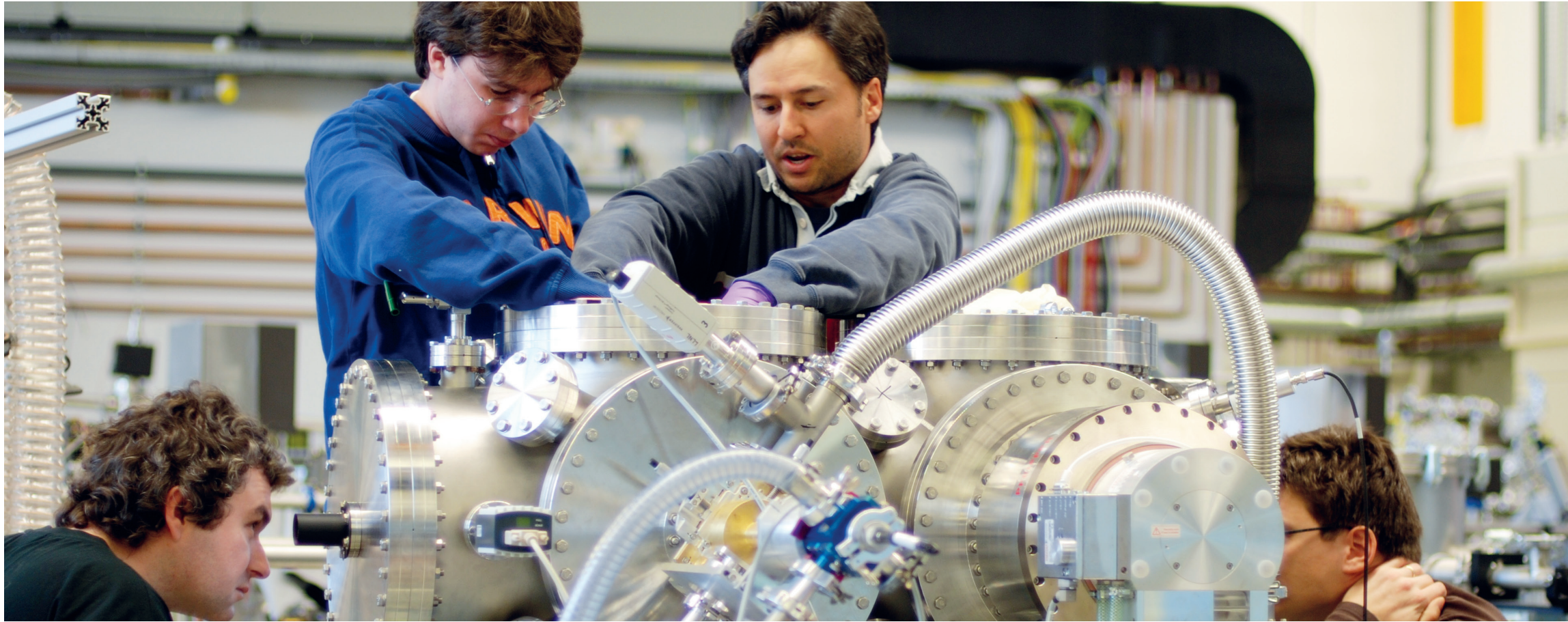


# SUMMER STUDENTS.

DESY International Summer Student Program 2016  
19 July to 8 September



DESY is one of the world's leading accelerator centers for investigating the structure of matter. DESY develops and builds large particle accelerators and conducts research in the fields of photon science and particle physics. The research facilities of DESY are used by a large international community of scientists. Each summer DESY offers students in physics or related natural science disciplines the opportunity to participate in its research activities. About 100 students from all over the world take part in DESY's research and attend the lecture program.

**[www.desy.de/summerstudents](http://www.desy.de/summerstudents)**



## **Photon Science**

Summer students join groups at DESY and European XFEL which address fundamental and applied questions in the fields of physics, biology, chemistry, crystallography, materials and geological sciences, computing and engineering. This includes research with synchrotron radiation on molecules, soft matter, solid-state and nanomaterials, the development of new experimental techniques based on synchrotron radiation and lasers and the theory of interaction of matter and light.

## **Elementary Particle Physics, Astroparticle Physics and Accelerators**

Summer students will work in the analysis, software or detector related fields of experiments in elementary particle physics (ATLAS, CMS, ILC, BELLE II, ALPS-II) and astroparticle physics (CTA, IceCube), development of particle accelerators, theory of elementary particles and astroparticles, or computing.

## **Application Deadline is 31 January, 2016.**

Qualified applicants should have completed three years of full time studies on a university level by summer 2016.

All participating students will obtain financial support.

