



Accelerators | Photon Science | Particle Physics
Deutsches Elektronen-Synchrotron
A Research Centre of the Helmholtz Association

CAREER CHANCES

DESY is constantly seeking:

Electrical engineers/Computer Scientists (f/m) - Driver Software Development

DESY

DESY is one of the world's leading research centres for photon science, particle and astroparticle physics as well as accelerator physics. DESY is one of the worlds leading research centers for investigating the structure of matter. Located in the metropolitan area of Hamburg, Germany DESY uses its accelerators for photon science, particle and astroparticle physics as well as accelerator physics. That makes DESY not only a magnet for more than 3000 guest researchers from over 40 countries every year, but also a coveted partner for national and international cooperations.

Here at DESY, creative and motivated minds from home and abroad will find challenging and ambitious tasks in an international environment.

Tasks:

- Programming of linux driver software for hardware operation in electronic crates
- Software development of feedback algorithm and automation controls
- Development of generic driver interfaces to FPGA based electronic boards
- Software integration of complex systems

Requirements:

- Degree in physics, electronic engineering or computer science
- Very good knowledge on Linux kernel and kernel interfaces
- Very good knowledge on hardware interfacing of FPGAs
- Good knowledge in the programming of digital hardware
- Experience in C++ programming of front-end servers
- Good team worker and good English skills

Keyword: DESY II