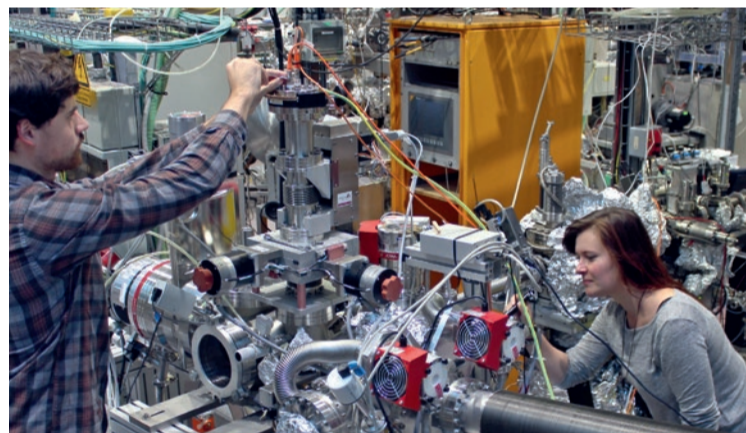
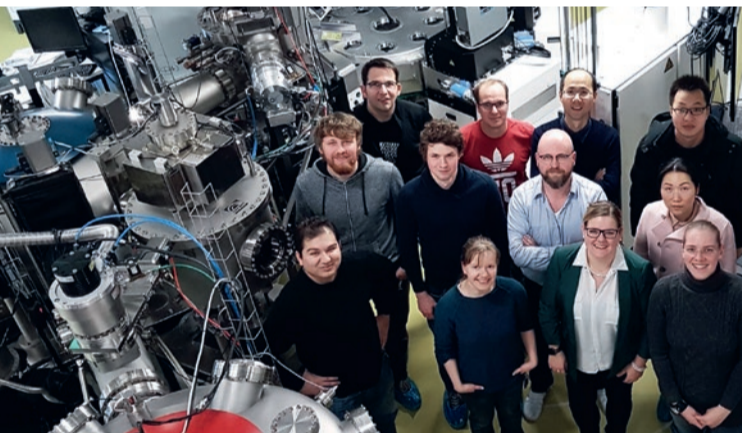


HZB PHOTON SCHOOL

11th – 22nd of March, 2019

Helmholtz-Zentrum Berlin für Materialien und Energie
– Wilhelm-Conrad-Röntgen-Campus, Berlin-Adlershof –



HANDS-ON EXPERIMENTAL TRAINING IN

- Synchrotron-based methods at 12 BESSY II beamlines
- Laboratory-based methods
- Data collection, treatment, interpretation, and presentation
- How to write successful beamtime proposals

A PRACTICAL INTRODUCTION TO PHOTON SCIENCE

This school is primarily aimed at master students and early stage researchers in physics, chemistry, materials science, engineering, life or environmental sciences. Students will be introduced to synchrotron and laboratory-based methods that probe the molecular structure, function, and dynamics of complex material systems.

The two-week program consists of basic and specialized lectures including exercises, given by experienced teachers who are HZB scientists or BESSY II super-users from our partner universities. The second week is dedicated to hands-on training at several BESSY II experimental stations and X-ray laboratories. Participants will get a vivid experience by joining up to two experiments to work in small groups. The second week's activities will teach participants how to collect, analyze, interpret and present own data amongst peers and specialists.

For further information, visit our website:

hz-b.de/photonschool

**CLOSING DATE FOR APPLICATION:
15TH NOVEMBER 2018**

