



The CERN Accelerator School and DESY are organizing a course on

Free Electron Lasers and Energy Recovery Linacs (FELs and ERLs)

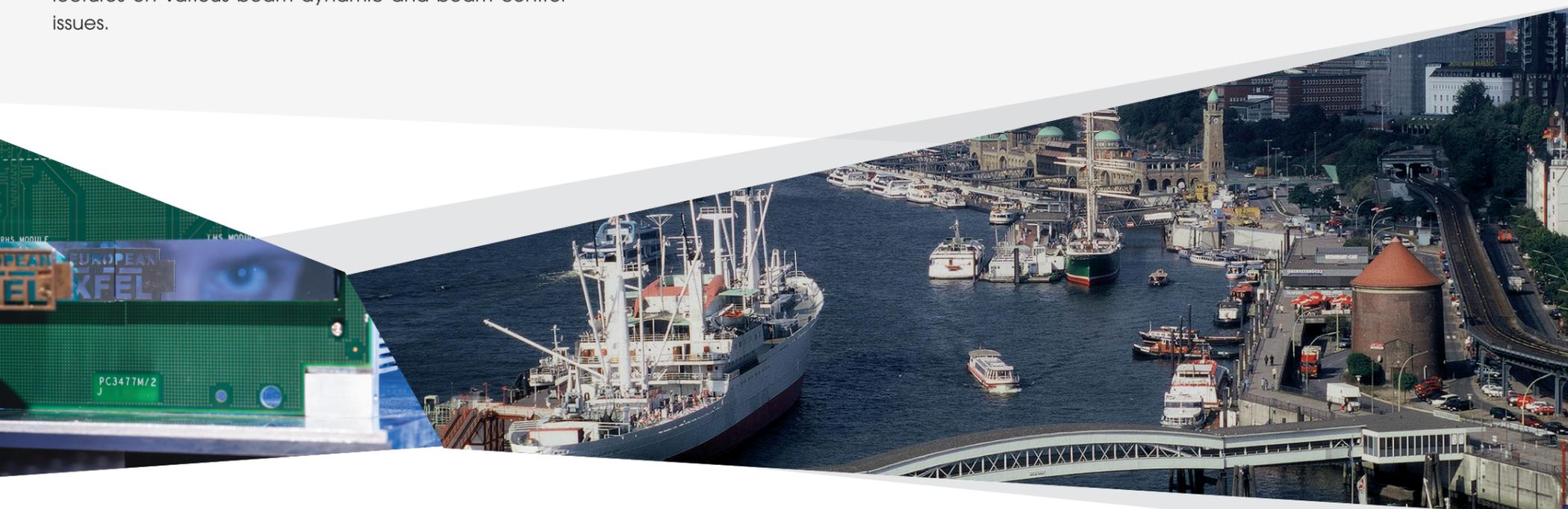
31 May – 10 June, 2016

Hotel Scandic Hamburg Emporio, Hamburg, Germany

The course will mainly be of interest to staff in accelerator laboratories, university departments, FEL and ERL centres and companies manufacturing accelerator equipment. Following introductory lectures on radiation issues, the basic requirements on LINACs and ERLs will be discussed. Undulators and the process of lasing and seeding will then be treated in some detail, followed by lectures on various beam dynamic and beam control issues.

A full day visit to DESY and the European XFEL in Hamburg Bahrenfeld will provide a practical insight into the field.

Participants will also have the opportunity of working on realistic case studies and presenting their results as an integral part of the programme.



Contact: CERN Accelerator School
CH - 1211 Geneva 23 Fax: +41 22 767 54 60
cern.ch/schools/CAS

