



The CERN Accelerator School

The CERN Accelerator School and the Paul Scherrer Institute are organizing a course on

Beam Dynamics and Technologies for Future Colliders

The course will be of interest to staff and students from laboratories and universities who wish to learn about the various options being considered for future colliders for high-energy physics. The material presented will be at an accessible level and cover circular hadron and lepton colliders, as well as linear lepton colliders.

The program will cover the beam dynamics of the colliders presently under consideration and the associated technologies that will be needed to build them. Beam generation and machine protection issues will also be addressed. Students will have the opportunity to work on realistic case studies throughout the school.

21 February to
6 March, 2018

Crowne Plaza Hotel,
Zurich, Switzerland



CAS course on
**Beam Dynamics
and Technologies
for Future Colliders**



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