Welcome to ETH Zurich!

21st International Conference on Cyclotrons and their Applications
Hosted by the Paul Scherrer Institut and the ETH Zurich
Administrative Embedding

Swiss Federal Government

ETH Domain

ETHZ
Swiss Federal Institute of Technology Zurich

EPFL
Swiss Federal Institute of Technology Lausanne

PSI
Paul Scherrer Institut

Empa
Swiss Federal Laboratories for Materials and Testing

WSL
Swiss Federal Institute for Forest, Snow and Landscape Research

Eawag
Swiss Federal Institute for Water Resources and Water Pollution Control

WBF

ETH Board

EDA  EDI  EJPD  VBS  EFD  WBF  UVEK

WBF: Federal Department of Economic Affairs, Education and Research.
ETH Zurich at a glance

Founded 1855
- Driving force of industrialisation in Switzerland

ETH Zurich today
- One of the leading international universities for technology and the natural sciences
- Place of study, research and employment for approximately 29,000 people from over 110 different countries

Reasons for success:
- Excellent education
- Ground-breaking fundamental research
- Putting new findings into practice

https://www.ethz.ch/content/dam/ethz/common/docs/publications/info/eth-informationsbroschuere-e.pdf
ETH Zürich – Numbers 2014

- 19'200 Students (31% female, 37% international)
  - including 4'000 doctoral students
- 500 Professors
- 120 Nationalities
- 16 Departments, 12 Vocational training programs,
  24 Bachelor and
  43 Master degree programs
- CHF 1'556 Mio. Budget
- 90 Patent applications
- 120 sports in ASVZ
- 21 Nobel laureats studied, taught or conducted
  research at ETHZ
- 330 Spin-off companies since 1996
Globally networked with leading universities

- International cooperation in research and education
- Partnerships with leading universities
Locations

Main location in Zurich
- Campus Zentrum: Historic main building in the heart of Zurich, built by Gottfried Semper
- Campus Hönggerberg: Modern campus, which links science, the business world and the public in exemplary fashion

Additional locations in Switzerland
- Basel: Department of Biosystems Science and Engineering
- Lugano: Swiss National Supercomputing Centre (CSCS)
- Other decentralised entities

Research facility in Singapore
- Singapore-ETH Centre for Global Environmental Sustainability (SEC)
The old (1945) ETH cyclotron ...

Pictures: C. Grab
High Intensity Proton Accelerator at PSI

The Ring Cyclotron produces the highest intensities of the lightest unstable particles of their kind:

Mesons: \textbf{Pions}, \(\pi^+, \pi^-, \pi^0\)

Leptons: \textbf{Muons}, \(\mu^+, \mu^-\)

Baryons: \textbf{UCN}, \(n\)

It serves 3 large communities as user facility: neutron scattering, muon spin spectroscopy, and fundamental particle physics.
I wish you a very delightful and stimulating conference!

Thank you for coming to ETHZ & PSI!