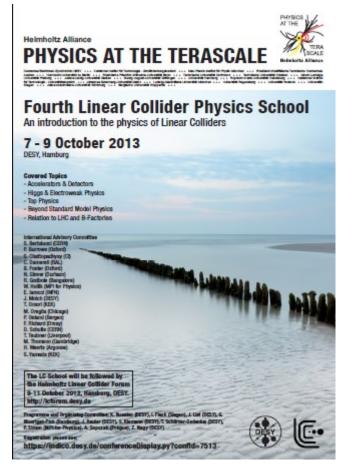
LC Physics School

Welcome to Hamburg and DESY!

 Please feel free to contact Michaela Clayton or myself in case of any questions.....



Gudrid Moortgat-Pick, 7.10.2013

History of the LC Physics School

- We had already very successful Linear Collider Physics Schools in 2003, 2006 and 2009
 - took place in the heart of the English Lake District, Ambleside, U.K.
 - Chair: Andre Sopczak thanks to lot to him!
 - Covered topics: Physics, Detectors and Accelerator Physics at a Linear Collider and the relation to LHC Physics
- Today: the start-up again of this school
 - Same topics but different circumstances
 - Now we have a Higgs! ...stay tuned for tomorrow 11.45am

Thanks a lot to all lecturers!

Few words on the funding framework

HGF Alliance 'Physics at the Terascale'

From the Alliance proposal (2007):

In order to optimally place German particle physics in an increasingly global environment, it is now the right moment to create new and improved structures for particle physics in Germany.

The Strategic Helmholtz Alliance 'Physics at the Terascale' is a structured research network comprising 17 universities, 2 Helmholtz institutes and 1 Max Planck Institute. The Alliance acts as a tool for a more effective collaboration, in particular between experimentalists and theorists.

ALLIANCE FORUM* TASKS

- 1. "Education": Schools, workshops, training events, seminars, ...
- 2. Significant contributions to the LHC programme: Various working groups, people in the AC
- 3. Member support (MC, statistics, PDFs, etc.) via working groups
- 4. Networking; definition and exploitation of synergies

^{*} previously known as "Analysis Centre"

ALLIANCE FORUM* TASKS

- "Education":
 Schools, workshops, training events, schultery.de...
 Significant contributions to the one are usen@desy.de...
 Various working groups this know. the AC
 Member support orkshops like us know. the AC
 Member support orkshops like us know. the AC
 No if you think have other ideas and exploitation of synergies

^{*} previously known as "Analysis Centre"

Future of the LC Physics School

- 5th Linear Collider Physics School 2014:
 - will take place at the island Fraueninsel, at the Chiemsee, Bavaria, Germany (~100km from Munich)
 August, 11-15, 2014



 Will be continued on regular basis, maybe rotating between the countries

The 'Presence'

Timetable: please check the web.....www.terascale.de

 There are special sessions for questions.....please feel free to use it!

There are no 'stupid questions'...!

Monday 07 October 2013

Welcome - Seminar Room 2 (bldg. 2a, ground floor) (09:00-09:15)

Motivation - Seminar Room 2 (bldg. 2a, ground floor) (09:15-10:15)

- Presenters: Mr. POESCHL, Roman

Top theory - Seminar Room 2 (bldg. 2a, ground floor) (10:45-11:45)

- Presenters: UWER, Peter

Questions - Seminar Room 2 (bldg. 2a, ground floor) (11:45-12:00)

EWSB - Seminar Room 2 (bldg. 2a, ground floor) (13:30-14:30)

- Presenters: REUTER, Juergen

Higgs Experiment - Seminar Room 2 (bldg. 2a, ground floor) (14:30-15:30)

- Presenters: FUJII, Keisuke

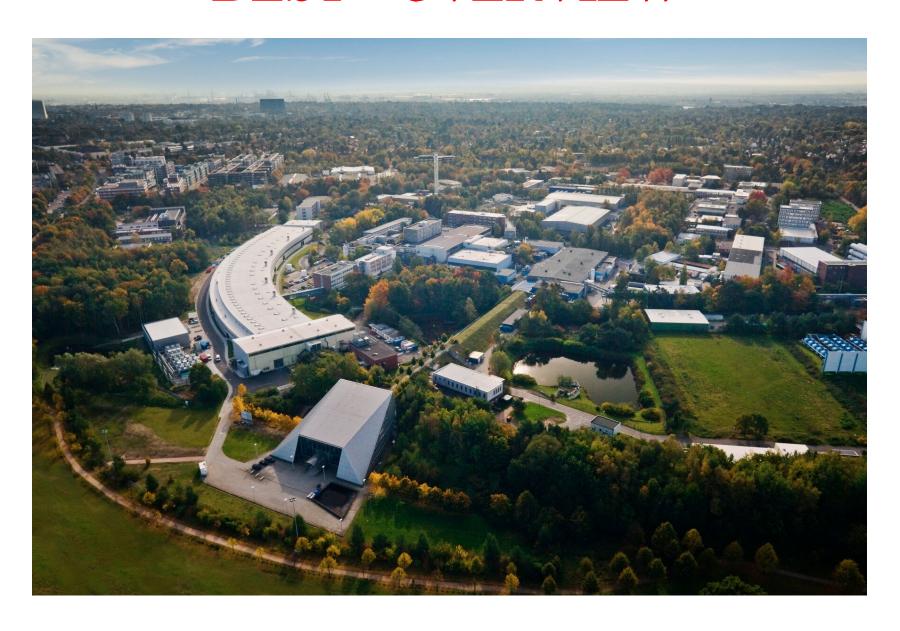
Questions - Seminar Room 2 (bldg. 2a, ground floor) (15:30-15:45)

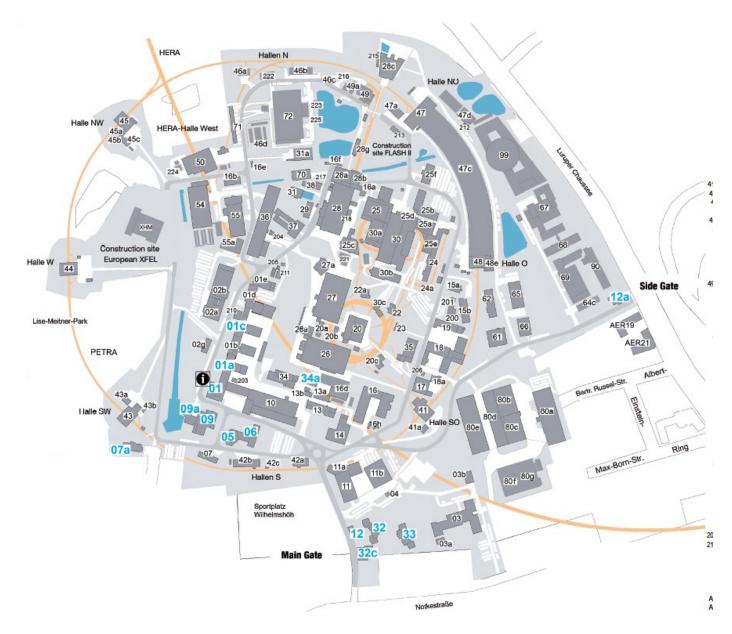
From LEP and SLC to the LC - Seminar Room 2 (bldg. 2a, ground floor) (16:15-17:45)

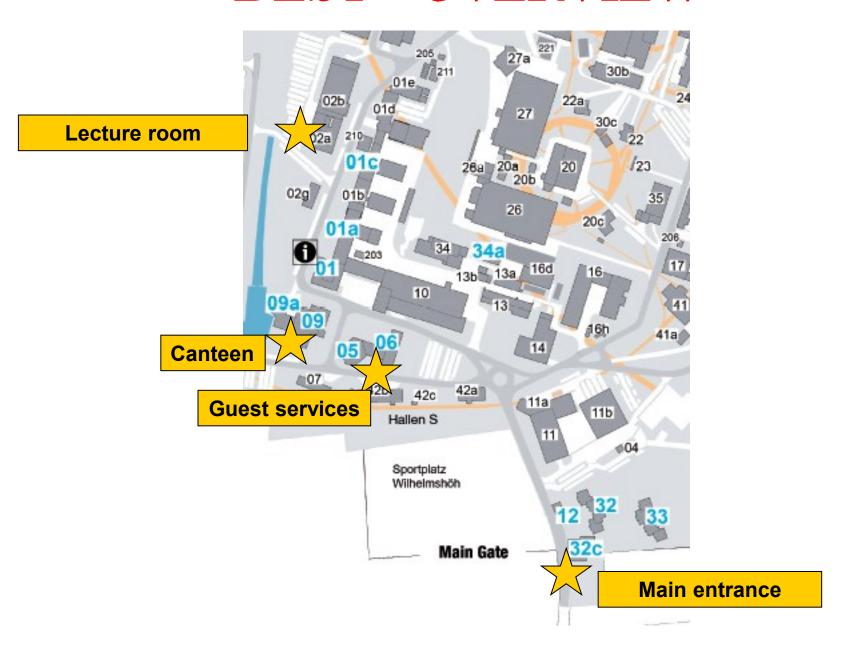
- Presenters: RICHARD, Francois

Questions - Seminar Room 2 (bldg. 2a, ground floor) (17:45-18:00)









So,... now enjoy!!!

Helmholtz Alliance



Administration in the control of the

Fourth Linear Collider Physics School

An introduction to the physics of Linear Colliders

7 - 9 October 2013

DESY, Hamburg

Covered Topics

- Accelerators & Detectors
- Higgs & Electroweak Physics
- Top Physics
- Beyond Standard Model Physics
- Relation to LHC and B-Factories

International Advisory Constitute

- T. Donorf (KEK)
- M. Dragila (Chicago)
- D. Sebuillo (CERN)
- T. Teubner (Liverpool) M. Thormon (Cambridge
- H. Weerts (Argonne) S. Yarreda (KEK)

The LC School will be followed by

the Helmhottz Linear Cottider Forum 9-11 October 2013; Hamburg, DESY.

http://lcforem.desy.de

Programme and Degenising Committee: X. Buesser (DESY), L. Fleck (Siegen), J. Uri (DESY), G. Moorigat-Fisk (Banturg), J. Baster (DCS1), S. Elemann (DCS1), T. Schörner-Sadenka (DCS1), T. Simon (Militar-Paysical, A. Soporak (Prigue), Z. Nagy (DCS1)

https://indico.desy.de/conferenceDisplay.py?confid=7513-



