

Wolfgang Pauli Centre Inauguration Symposium

Hamburg, 17. April 2013

Daniela Pfannkuche
Chair of PIER executive board





Partnership for Innovation, Education, and Research



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

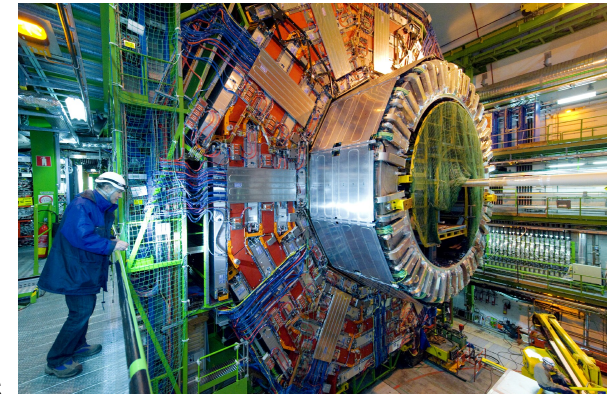


Pier: a massive harbour construction usually built perpendicularly to the wharf
which increases the docking space for ships

PIER

PIER = cooperation between UHH and DESY

- Long standing scientific collaboration
- Brand marked 2011
- Cooperation extended to
 - New research fields
 - joint strategic development and joint appointments
 - Education and fostering of young scientists
 - Innovation and economy



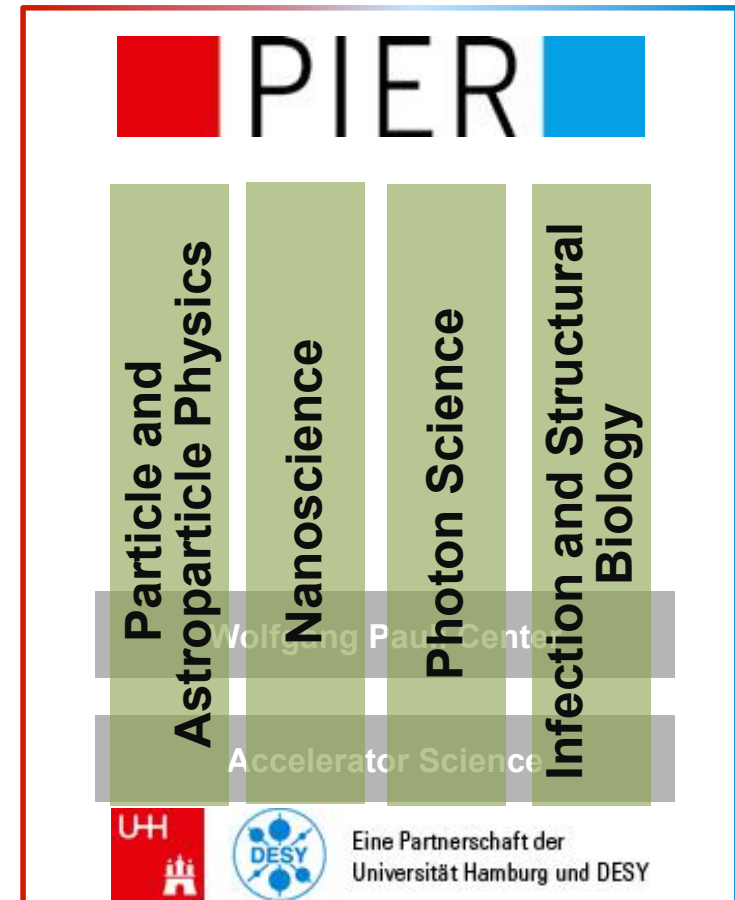
Research

4 PIER research fields:

- Particle and Astroparticle Physics
- Nanoscience
- Photon Science
- Infection and Structural Biology

2 PIER competence fields:

- Voss Wideröe Center for Accelerators
- Wolfgang Pauli Centre for Theoretical Physics



Wolfgang Pauli Centre

- Unites all groups in theoretical physics at DESY and UHH
- About 40 faculty members (professors, juniorprofessors, research staff and young-investigator-group leaders)
- Broad range of expertise

MAJOR Research Areas

Particle physics
Condensed matter
Astrophysics & cosmology
Ultracold atoms
Mathematical physics
Ultrafast processes

I. ITP: I. Institute for Theoretical Physics
II. ITP: II. Institute for Theoretical Physics
DESY T: DESY Theory Group
hs : Hamburger Sternwarte
CFEL : Center for Free-Electron Laser Science
ILP : The Institute for Laser Physics
FM: Fachbereich Mathematik

Wolfgang Pauli Centre

- Foster interaction between various theory groups
 - **Wolfgang Pauli Blackboard Seminar**
- optimal education of graduate students and postdocs in theoretical physics
 - Workshops
 - Lecture Series
 - Seminars

