



Image: DESY, Jörg Müller

Prof. Dr. Dr. h. c. Beate Heinemann

Beate Heinemann

Education

- 1996 - 1999** PhD in Physics at the Universität Hamburg, Germany
- 1995 - 1996** Diploma in Physics at the Universität Hamburg, Germany
- 1990 - 1995** Study of physics and astronomy at the Universität Hamburg, Germany

Scientific Career

- since 2025** Chairwoman of the DESY Board of Directors, Forschungszentrum DESY, Hamburg, Germany
- 2022 - 2025** Director in charge of Particle Physics at Forschungszentrum DESY, Hamburg, Germany
- 2016 - 2021** Lead Scientist at Forschungszentrum DESY, Hamburg, Germany
- since 2016** Professor (W3) at the Albert-Ludwigs-Universität Freiburg, Germany
- 2009 - 2011** ATLAS Data Preparation Coordinator (first year as deputy)
- 2006 - 2016** Professor at the University of California, Berkeley, and Scientist at Lawrence Berkeley National Laboratory, Berkeley/CA, USA
- 2005 - 2006** Physics Coordinator of CDF Collaboration
- 2004 - 2006** Royal Society University Fellow, University of Liverpool, UK
- 1999 - 2004** PPARC Fellow (postdoctoral and advanced), University of Liverpool, UK

Research Fields

- experimental particle physics
- groundbreaking experimental methods with particle accelerators at HERA (DESY, Hamburg, Germany), Tevatron (Fermilab, Batavia, IL, USA), Large Hadron Collider (LHC, CERN, Switzerland)
- data preparation for the ATLAS experiment

Memberships

- since 2024** Akademie der Wissenschaften in Hamburg
- 2024** Honorary doctorate from the University of Zurich, Switzerland
- since 2021** Member of "Physics Advisory Committee" at FNAL, IL (USA)
- since 2019** Co-Spokesperson of program "Matter and Universe", Helmholtz Association
- since 2018** Scientific Leadership of LUXE Collaboration
- 2018 - 2020** Member of "Physics Preparatory Group" of the European Particle Physics Strategy Update
- since 2017** Member of "Scientific Policy Committee", CERN
- 2014 - 20216** Luis Alvarez Memorial Chair at University of California, Berkeley/CA, USA)
- 2013 - 2017** Deputy Spokesperson of ATLAS Collaboration
- 2013** EPS HEPP Prize for the discovery of the Higgs boson (as member of ATLAS)
- 2009 - 20211** ATLAS Data Preparation Coordinator (first year as deputy)
- 2009** Elected as Fellow of American Physical Society
- 1999** Award for best thesis at Physics Department of the University of Hamburg, Germany