



Image: DESY, Jörg Müller

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

Beate Heinemann

Education

- 1996 - 1999** PhD in Physics at the University of Hamburg, Germany
- 1995 - 1996** Diploma in Physics at the University of Hamburg, Germany
- 1990 - 1995** Study of physics and astronomy at the University of 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
- since 2023** Professor at the University of Hamburg, Germany
- 2016 - 2023** Professor at the Albert-Ludwigs-Universität Freiburg, Germany
- 2016 - 2021** Lead Scientist at Forschungszentrum DESY, Hamburg, 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)

Selected Memberships and Awards

- since 2024** Member of the Academy of Sciences and Humanities in Hamburg
- 2024** Honorary doctorate from the University of Zurich, Switzerland
- 2021 - 2022** "Physics Advisory Committee" at FNAL, IL (USA)
- 2019 - 2025** Co-Spokesperson for the "Matter and Universe" programme, Helmholtz Association
- 2018 -2024** Scientific Leadership of LUXE Collaboration
- 2018 - 2020** Member of the "Physics Preparatory Group" for the European Particle Physics Strategy Update
- 2017 - 2023** "Scientific Policy Committee", CERN
- 2014 - 2016** Luis Alvarez Memorial Chair at University of California, Berkeley/CA, USA)
- 2013 - 2017** Deputy Spokesperson for the ATLAS Collaboration
- 2013** HEPP Prize for the discovery of the Higgs boson (as member of ATLAS)
- 2009 - 2011** ATLAS Data Preparation Coordinator (first year as deputy)
- since 2009** Fellow of the American Physical Society
- 1999** Award for best thesis at Physics Department of the University of Hamburg, Germany