

PERSONAL INFORMATION

Family name, First name: Prof. Dr. Kniehl, Bernd

Researcher unique identifier: orcid.org/0000-0002-0987-8237

Date of birth: 6 October 1961

Nationality: German

URL for web site: <https://unith.desy.de/people/allmembers/kniehl/>

• EDUCATION

- 1996 Private Lecturer (Priv.-Doz.)
Department of Physics, University of Munich, Germany
- 1994 Habilitation, Venia Legendi, Private Lecturer (Priv.-Doz.)
Department of Physics, University of Hamburg, Germany
- 1989 Ph.D. (Dr. rer. nat.) [summa cum laude]
Faculty of Physics, Technical University of Munich, Germany
- 1987 Diploma in Physics (Dipl.-Phys.) [Prize]
Faculty of Physics, University of Karlsruhe, Germany
- 1985/2012 Certificate of Advance Study in Mathematics / Master of Advanced Study [Distinction]
King's College, University of Cambridge, UK

• CURRENT POSITION

- 1999 – Full Professor (C4) of Theoretical Physics
Department of Physics, University of Hamburg, Germany

• PREVIOUS POSITIONS

- 1994 – 1999 Researcher (tenure)
Max Planck Institute for Physics, Munich, Germany
- 1996 Visiting Professor (C3)
Department of Physics, University of Munich, Germany
- 1992 – 1994 Scientific Assistant (C1)
Department of Physics, University of Hamburg, Germany
- 1991 – 1992 Research Associate
Theory Group, DESY, Hamburg, Germany
- 1989 – 1991 Research Associate
Department of Physics, University of Wisconsin, Madison, USA

• FELLOWSHIPS AND AWARDS

- 2010 Prize for Mentorship (25.000 €) received from the Claussen Simon Foundation
- 2002 Guest Scientist, Theory Division, CERN, Switzerland
- 1995 Guest Scientist, Theory Group, FNAL, USA
- 1994 JSPS Fellowship, Theory Group, KEK, Tsukuba, Japan
- 1984 – 1989 Scholarship received from the Student und Ph.D. Student Circle of Siemens
- 1981 – 1989 Scholarship received from the German National Scholarship Foundation (Studienstiftung)

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 1996 – 2017 Number of Habilitations / Postdocs / Ph.D. Students / Master Students: 3 / 28 / 19 / 13
University of Munich, Technical University of Munich, University of Hamburg, Germany

- **TEACHING ACTIVITIES**

1999 – Full Professor – Theoretical Physics, University of Hamburg, Germany
1996 – 1999 Visiting Professor, Lecturer – Theoretical Physics, University of Munich, Germany
1993 – 1995 Lecturer – Theoretical Physics, University of Hamburg, Germany

- **ORGANISATION OF SCIENTIFIC MEETINGS**

2017 OC Member / Wolfgang-Pauli-Centre Theory Workshop / Germany
2013 LOC Member / QCD@LHC2013 / Germany
2012 OC Member / DESY Theory Workshop: Lessons from the First Phase of the LHC / Germany
2012 OC Member / Event Generators & Resummation / Germany
2009 OC Member / DESY Theory Workshop: Collider Phenomenology / Germany
2009 Session Convenor / Int. Conf. on the Structure and the Interactions of the Photon / Germany
2007 LOC Member / International Workshop on Heavy Quarkonia 2007 / Germany
2007 LOC Member / 2007 International Linear Collider Workshop / Germany
2007 LOC Member / XV International Workshop on Deep Inelastic Scattering / Germany
1995 – 2011 OC Chair / 10 Ringberg Workshops on EW, Higgs, neutrino & HERA Physics / Germany

- **INSTITUTIONAL RESPONSIBILITIES**

2014 – Selection Committee M.Sc. in Nanoscience, UHH, Germany
2014 – 2016 Board for Appeals in Examination Affairs, Physics Department, UHH, Germany
2013 – 2015 Ph.D. Admissions Board, Physics Department, UHH, Germany
2010 – Co-organizer of Colloquium on Theoretical Physics, UHH & DESY, Hamburg, Germany
2005 – Member of MIN Faculty, UHH, Germany
2003 – 2005 Deputy Director, 2nd Institute for Theoretical Physics, UHH, Germany
2001 – 2003 Managing Director, 2nd Institute for Theoretical Physics, UHH, Germany
2000 – 2002 Co-organizer of Physical Colloquium, Department of Physics, UHH, Germany
2000 – Chief Admin of high-performance computer cluster, 2nd Inst. for Theoretical Physics, UHH
1997 – 1998 Member of Institute Council, MPI for Physics, Munich, Germany
1996 – 1997 Co-organizer of Institute Colloquium, MPI for Physics, Munich, Germany

- **COMMISSIONS OF TRUST**

2016 Review Panel, Ministry of National Education & Scientific Research, Romania
2016 Review Panel, National Science Centre, Poland
2013 Review Panel, Danish Council for Independent Research/Natural Science
2013 Review Panel, Research Council for Natural Sciences and Engineering, Academy of Finland
2010 Review Panel, Austrian Funds for the Promotion of Scientific Research
2008 – Program Committee, Workshop on Loops and Legs in Quantum Field, DESY, Germany

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2017 – Associated Member, Collaborative Research Centre: Hadron Physics from Lattice QCD
2016 – Executive Board Member, Eduard-Job-Foundation for Thermo- and Matterdynamics
2012 – Founding Member, Wolfgang-Pauli-Centre, UHH & DESY, Germany
2011 – 2015 Associated Member, Research Training Group: Maths inspired by String Theory and QFT
2011 – 2015 Member, Centre for Mathematical Physics Hamburg, UHH & DESY, Germany
2011 – Member, Partnership for Innovation, Education and Research, UHH & DESY, Germany
2009 – 2012 Member, Hamburg Cluster of Excellence: Connecting Particles with the Cosmos
2007 – Member, Helmholtz Alliance: Physics at the Terascale
2006 – Member, Collaborative Research Centre: Particles, Strings and the Early Universe
2000 – 2009 Member, Research Training Group: Future Developments of Particle Physics

