

# Curriculum Vitae

## Education

- 1998: Dissertation on the subject “Improved techniques to calculate two-loop anomalous dimensions in QCD”, advisor Prof. Z. Kunszt.
- 1994-98: Graduate studies at the Institute for Theoretical Physics of ETH Zürich, Switzerland;
- 1987-93: Undergraduate studies at the Albert-Ludwigs-Universität Freiburg, Germany; Diploma thesis on “Dynamical symmetry breaking and radiative corrections to the  $\rho$  parameter”, advisor Prof. J.J. van der Bij.

## Current and previous positions

- 2011 - present : Permanent staff member at the Max Planck Institute for Physics, Munich, Germany;
- 01/08 - 12/10: Lecturer at the Institute for Particle Physics Phenomenology, University of Durham, UK;
- 10/06 - 12/07 : STFC Advanced Fellow (5-year research fellowship) at the University of Edinburgh, UK;
- 10/04 - 09/06: Research associate and teaching assistant at the University of Zürich;
- 12/03 - 09/04: Research associate at the II. Institut für Theoretische Physik, University of Hamburg/DESY, Germany;
- 01/02 - 11/03: Research associate at the Institute for Particle Physics Phenomenology, University of Durham, UK;
- 01/00 - 12/01: Fellow of the EU Training and Mobility Network “QCDNet” at the University of Paris-Sud, Orsay, France;
- 10/98 - 12/99: Postdoc at the University of Guelph, Ontario, Canada.

## Fellowships and Grants

- Participation in the European Cooperation in Science and Technology (COST) Action *ParticleFace*: “Unraveling new physics at the LHC through the precision frontier” (grant agreement CA16201).
- Participation in the EU ITN *HiggsTools* (*7th Framework Programme*, grant agreement PITN-GA2012316704).
- STFC UK Advanced Fellowship (personal 5-year research grant), University of Edinburgh 10/2006 - 12/2007, University of Durham 01/2008 - 12/2010.
- STFC UK special grant (funding for a postdoctoral research associate), awarded for the project “Precision Supersymmetry for the LHC and Beyond”, 2007-2009.
- Fellow of the EU Training and Mobility Network “QCDNet”, 2000-2001.

- Fellow of the “German National Academic Foundation” (Studienstiftung) 1990-93, now member of the Alumni Organisation.

### Memberships

- Member of the Management Committee and Science Communication Manager for the European Cooperation in Science and Technology (COST) Action *ParticleFace*.
- Member of the Research Board of the EU ITN *HiggsTools*.
- Member of the UK *Higher Education Academy* (since 2009).
- Member of the International Advisory Board for the conference series *Advanced Computing and Analysis Techniques in Physics (ACAT)*.
- Associate Member of the *Higgs Centre*, University of Edinburgh, Scotland, UK.