

# CURRICULUM VITAE OF WOUTER HULSBERGEN

## Contact information

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## Employment

- 2008 - present** Staff scientist at the Netherlands Institute for Particle Physics (Nikhef);
- 2006 - 2008** Research fellow at the European Organization for Nuclear Research (CERN)
- 2002 - 2005** Research associate at the University of Maryland

## Education

- 1997-2002** PhD in experimental high-energy physics, University of Amsterdam
- 1991-1996** Undergraduate in physics, Utrecht University
- 1985-1991** Secondary school, Coornhert Gymnasium, Gouda

## Academic activities

### Research since PhD

- 2002 - 2005** Member of the Babar collaboration at SLAC, working primarily on track- and vertex-reconstruction and  $CP$  violation in  $B^0 \rightarrow K_s^0 \pi^0$  and  $B^0 \rightarrow K_s^0 \pi^0 \gamma$  decays;
- 2006** Member of the ATLAS collaboration at CERN, working on calibration and alignment of the tracking system;
- 2007 - present** Member of the LHCb collaboration at CERN, working on track and vertex reconstruction, detector alignment,  $CP$  violation and mixing in  $B \rightarrow J/\psi X$  decays, searches for exotic long-lived neutral heavy particles and the LHCb vertex detector upgrade.

### Convenerships and project coordination

- 2013-present** project leader for Nikhef contributions to the LHCb Velo upgrade
- 2016-present** convener of the LHCb Velo Module-0 group
- 2015-2017** convener of LHCb “QCD, Electroweak and Exotics” working group
- 2013-2014** member of LHCb editorial board
- 2012-2013** editor of tracking and vertexing section in BaBar-Belle physics book
- 2010-2012** convener of LHCb “ $\phi_s$ ” physics working group
- 2008-2012** coordinator of LHCb alignment group
- 2004-2005** convener of BaBar “radiative  $B$  decays” working group

**2003-2004** coordinator of BaBar tracking group

**2002-2005** coordinator of BaBar vertexing activities

## Teaching

**2012-present** Yearly UvA/VU/UU master course on particle physics (PP1)

**2010** Nikhef topical lectures on CP violation

**2008** Nikhef topical lectures on track and vertex reconstruction

## Refereeing

**2017** Member of Veni grant committee (NWO, Netherlands)

**2016-present** External reviewer for the Belle-II experiment (KEK, Japan)

**2015-present** Member of the Nikhef “wetenschappelijke adviesraad” (scientific counsel)

**2011-present** Member of PhD thesis jury in the Netherlands, Switzerland (3x) and Denmark (1x)

**2010** Member of scientific advisory committee Vrij Programma funding/FOM

**2007-present** Peer reviewer for articles in Physical Review, Nuclear Instruments and Methods and JHEP

## Organization of workshops and conferences

**2017** Session on QCD at the SM@LHC conference in Amsterdam

**2017** Session “Big Data in Physics” at the FOM Veldhoven conference

**2016** Session on Hard QCD+EW at QCD@LHC in Zürich

**2016** Kickoff meeting for LHC LLP working group at CERN

**2014** Session “Between Higgs and Planck” at the FOM Veldhoven conference

**2013** LHCb Velo Upgrade workshop in Amsterdam

**2010** Beauty conference in Amsterdam

**2009** Third LHC alignment workshop at CERN

## Outreach

**2009-present** Presentations and demonstrations on physics at primary schools

**2014-2016** Organization of the LHCb masterclass for secondary school pupils at Nikhef

**2012** Member of the “Young Academy on Wheels”

## Personal awards and grants

**2017** NWO Vici for proposal titled “Discovering Dark Matter at the LHC”

**2009** NWO Vidi for proposal titled “A Search for Heavy Long-Lived Particles”

**2006** CERN research fellowship