Name	Prof. Dr. Matthias Neubert
Department	Institute of Physics
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Date and Place of Birth	20 December 1962, Siegen, Germany

Scientific Career and International Experience

1986-1988:	Diploma thesis, University of Heidelberg (Summa Cum Laude)
1988-1990:	Doctoral thesis, University of Heidelberg (Summa Cum Laude)
1990-1991:	Research Scientist, University of Heidelberg
1991-1993:	Research Scientist at SLAC, Stanford University, USA
1993:	Habilitation, University of Heidelberg
1993-1998:	Staff Scientist at CERN, Switzerland
since 1998:	Adjunct Professor, University of Heidelberg
1999-2008:	Professor of Physics & Head of Theory Group, Cornell University, USA
2003-2006:	Director, Cornell Institute of High-Energy Phenomenology, USA
since 2006:	Professor of Physics, Johannes Gutenberg University of Mainz
since 2008:	Adjunct Professor of Physics, Cornell University, USA

Main Research Fields

Theoretical elementary-particle physics, QCD and collider physics, flavour physics and CP violation, effective field theories, physics beyond the Standard Model

Service to the Community

since 1997:	Editor, Journal of High-Energy Physics & European Physical Journal C
2001-04:	Associate Editor, Reviews of Modern Physics
since 2008:	Selection Board for Research Awards, A. von Humboldt Foundation
since 2010:	Director, Gutenberg Research College

Member on physics advisory committees for CERN, Fermilab, SLAC, U.S. Department of Energy and National Science Foundation, U.S. Universities Research Association; organisation of many international conferences and workshops

Scholarships, Awards and Honours

1985-1990:	Fellow and PhD Fellow, German National Academic Foundation
1991:	Patrick M.S. Blacket Scholarship and Best Student Award, International School of Subnuclear Physics, Erice, Italy
1991-1993:	Research Fellow of the BASF-Aktiengesellschaft
2004:	Membership at the Institute for Advanced Study, Princeton, USA
2005:	Research Award of the Alexander von Humboldt Foundation
2006:	Elected Fellow of the American Physics Society
2007:	Frontier Fellow, Fermi National Accelerator Laboratory, Batavia, USA
2008:	Elected Member, Heidelberg Academy of Sciences
2008:	Lyle Fellow, Melbourne University, Australia
2009:	Senior Member, Gutenberg Academy, University of Mainz
2009:	J. Hans D. Jensen Award, Klaus Tschira Foundation

The five most important publications with a high citation count	**Citations**
QCD factorisation for exclusive, nonleptonic B-meson decays: General arguments and the case of heavy-light final states M. Beneke, G. Buchalla, M. Neubert, and C.T. Sachrajda Nucl. Phys. B **591** (2000) 313	778
Neutrino masses and mixings in nonfactorisable geometry Y. Grossman and M. Neubert Phys. Lett. B **474** (1999) 361	459
QCD factorisation for $B\to\pi\pi$ decays: Strong phases and CP violation in the heavy-quark limit M. Beneke, G. Buchalla, M. Neubert, and C.T. Sachrajda Phys. Rev. Lett. **83** (1999) 1914	866
QCD anatomy of $B\to X_s\gamma$ decays A.L. Kagan and M. Neubert Eur. Phys. J. C **7** (1999) 5	434
Heavy quark symmetry M. Neubert Phys. Rep. **245** (1994) 259	966

Total number of publications:	146
Total number of citations:	14866
h-Index:	58

Five selected publications from the past five years

Two-loop divergences of scattering amplitudes with massive partons
A. Ferroglia, M. Neubert, B.D. Pecjak, and L.L. Yang
Phys. Rev. Lett. **103** (2009) 201601

Infrared singularities of scattering amplitudes in perturbative QCD
T. Becher and M. Neubert
Phys. Rev. Lett. **102** (2009) 162001

Flavor physics in the Randall-Sundrum Model: Theoretical setup and electroweak precision tests
S. Casagrande, F. Goertz, U. Haisch, M. Neubert, and T. Pfoh
J. High-Ener. Phys. **0810** (2008) 094

Analysis of $Br(B\to X_s\gamma)$ at NNLO with a cut on photon energy
T. Becher and M. Neubert
Phys. Rev. Lett. **98** (2007) 022003

Theory of charmless inclusive B decays and the extraction of $|V_{ub}|$
B.O. Lange, M. Neubert, and G. Paz
Phys. Rev. D **72** (2005) 073006