

Curriculum Vitae

Personal Details

Name: Arthur Hebecker
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Professional Career

- 10/04– Professor (C4) of Theoretical Particle Physics and Cosmology
at the University of Heidelberg,
work on *physics beyond the Standard Model, string phenomenology
and cosmology*, in particular *cosmological inflation*
- 10/02–09/04 Staff member of the DESY Theory Group,
work on *orbifold GUTs, higher-dimensional supersymmetric field
theories* and *gravity and supergravity in higher dimensions*
- 10/00–09/02 Fellow at the Theory Division of CERN
work on *orbifold GUTs* and *Randall-Sundrum II Cosmology*
- 10/98–09/00 Research Associate at the Institute for Theoretical Physics of the
University of Heidelberg,
work on the *cosmological constant problem, quintessence* and on the
high-energy limit of QCD
- 10/99-03/00 Temporary replacement for a professor at the University of Munich
6/99 Habilitation at the University of Heidelberg
- 10/96–09/98 Research Associate at DAMTP, Cambridge University,
work on *diffractive structure functions* and on problems of *factoriza-
tion in QCD*
- 10/95–09/96 Visiting researcher at the Stanford Linear Accelerator Center
(SLAC),
work on *diffraction* and the *Drell-Yan process at small x*
- 06/95–09/95 Research associate at the Deutsches Elektronen-Synchrotron
(DESY)
work on the *electroweak phase transition* and on *diffraction*

Education and University Studies

- 01/93–05/95 Ph. D. at the University of Hamburg and DESY (with distinction)
title of thesis: *The Electroweak Phase Transition*
supervisor: Prof. W. Buchmüller
- 12/91–12/92 Diploma at the University of Munich (with distinction)
title of thesis: *Hilbert Space Representation of the*
 $SO_q(N)$ -covariant Heisenberg Algebra.
supervisor: Prof. J. Wess
- 09/88–12/92 Physics at the Universities of Moscow, Frankfurt/Main and Munich
- 11/87–04/88 Military service
- 09/87–10/87 Research assistant at the Physics Department of the University of
Leipzig
- 1975–1987 High school and Primary School in Leipzig
Graduation: Abitur (with distinction)

Awards, Fellowships

- 2000 Heisenberg-Fellowship from the Deutsche Forschungsgemeinschaft
- 1995 Feodor-Lynnen Fellowship from the Humboldt-Foundation
- 1995 Award for ‘Best dissertation of the year 1995’ by the Physics De-
partment of the University of Hamburg