

Dr. Benjamin Koch

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RESEARCH INTERESTS Physics beyond the standard model, LHC phenomenology, and quantum gravity.

EDUCATION **1996**, School leaving examination (Abitur). Grade: 2.2
At: Theodor Heuss Gymnasium Nördlingen, Germany.

2003, Diploma:

Title: Einschleifenrechnungen zur tiefinelastischen
Neutrino-Nukleon-Streuung im MSSM.

At: Max Planck Institute for Theoretical Physics, and
Technical University Munich, Germany.

2001, One semester of language study:

At: Universidad de Complutense in Madrid, Spain.

2007, PhD:

Title: Black hole production and graviton emission
in models with large extra dimensions.

At: Frankfurt International Graduate School of Science (FIGSS) and
Institute of Theoretical Physics in Frankfurt, Germany.

WORKING EXPERIENCE **1996-1997**, Civilian service:

Job: Work with mentally ill people.

At: Lebenshilfe Nördlingen, Germany.

2001, Internship:

Job: Simulation and construction of a water Cherenkov detector.

At: Max Planck Institute for Physics in Munich, Germany

2004-2007, Teaching assistant:

Topics: Mechanics, electrodynamics, quantum mechanics (I+II), and thermodynamics.

At: Institute of Theoretical Physics in Frankfurt, Germany.

Currently (Since June 2007), Postdoc:

At: Institute of Theoretical Physics in Frankfurt, Germany.

LANGUAGES

- **German**, native language.
- **English**, fluently.
- **Spanish**, fluently.
- **Latin**, (latinum).

COMPUTING SKILLS

- Programming and editing: C++, Fortran, Perl, html, and Latex.
- Operating systems: Mac OSX, Linux, and Windows.

OTHER INTERESTS Gymnastics, drawing, and surfing.

Frankfurt, August 28, 2007