BENJAMIN KOLLMITZER

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birth: 26.08.1986 in Klagenfurt

Education

Since 2012	PhD study at the Institute of Molecular Biosciences of the University of Graz (formerly the Institute of Biophysics and Nanosystems Research, Austrian Academy of Sciences) in corporation with the TU Graz
2006 – 2012	MSc in Technical Physics at the TU Graz (with distinction)
2006 – 2009	BSc in Technical Physics (with distinction)
2000 – 2005	A-level at the HTL-Mössingerstraße, dept. for Telecommunications and Computer Technics (with distinction)
1996 – 2000	BRG with emphasis on sports Lerchenfeldstraße

Work Experience and Summer Schools

2012/09	Poster presentation at the Biomembrane Days in Potsdam – Germany
2012/06	Presentation at 2nd EBSA Biophysics Course On Membrane Biophysics and Lipid-Protein Interaction in Lacanau – Bordeaux – France
2011 – 2012	Diploma thesis on many body quantum physics
2010 – 2012	Student assistant for quantum mechanics courses
August 2011	Poster presentation at 3rd Quantum Information School and Workshop in Paraty – Rio de Janeiro – Brazil
Spring 2011	Development of a beam profiling software for Philips Klagenfurt
Summer 2010	Different tasks within the Project Lead Skin Care at Philips
July 2009	Participation at the intramural BEST summer school “Airspace Technologies for the Future” in Kiev, Ukraine
August 2008	Specification drafting, realizing and simulating transport tests for refrigerator compressors at ACC Austria
2007	Development of semiconductor “Burn in Test” installations for Infineon Villach
Summer 2005	Programming a web shop for STT-Scheidl Technologie Trade GmbH
August 2004	Repairing notebook motherboards at STT
Summer 2003	Participation at the Talents-Camp at the University of Klagenfurt about machine learning
August 2002	Internship at the KELAG (energy provider), dept. for Telecommunications

Other Interesting Projects

Matlab Software Project "Gravity Simulation", 2007

A neat Matlab program for simulating planet systems with almost arbitrary many bodies (at least some thousand). The fundamental idea behind "Gravity Simulation" was analysing chaotic systems via the law of gravitation.

Final Year Project "Dipping probe Limno 1", 2004 / 2005

The goal of this yearlong A-level project was the development of an automatic dipping probe for measuring water quality. Our team of two succeeded in this task and was awarded at two competitions with 5,350 € in total.

Electrocardiogram "Her(t)z", 2004

Together with a colleague we were able to develop a complete microcontroller-driven ECG with visualisation on a computer.

Research Paper "Hacking and Phreaking", 2004

An English canvassing regarding the ever-actual topic of computer security and the motives, backgrounds and embodiments of cybercrime.
(http://members.aon.at/akollmit/Hacking.pdf)

Further Qualifications

Languages	Fluent English
Computer skills	Matlab, C, print design with Eagle, MS-Office etc.

Interests

Sports	Soccer in a team for 10 years, cycling, beach volleyball …
Others	Reading, audio, electronics, computers, handicrafts

Graz, 09/11/2012 Benjamin Kollmitzer, MSc