

CV

Dipl.-Ing Martin Nuss, BSc

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PERSONAL INFORMATION

full name: Martin Nuss
date and place of birth: 01.11.1985, Linz
marital status: single male
nationality: Austria
mother: Maria Nuss, housewife
father: Albert Nuss,
commercial clerk
(Borealis - Agrolinz Melamine
International)
sister: Franziska Nuss, student

ABSTRACT

I am currently a doctoral student in theoretical physics at Technical University Graz. I have a degree in technical physics (DI) and I worked as a student's assistant for theoretical physics for four years.

Before university I attended HTBLA Leonding a "secondary technical and vocational collage for IT and business administration" which I concluded with Matura (A-Levels) in 2005.

My previous career includes research work, software engineering, SAP engineering/customizing, teaching and maintenance work at University of Göttingen, Technical University Linz, DESY, Applied International Informatics, Fabasoft, Schülerhilfe, Borealis (AMI), Österreichisches Bundesheer and Technical University Graz.

I have experience in many fields of physics and mathematics, hardware/software engineering, project management and business administration.

My main interests include physics, technics, sports and music.

EDUCATION

University

10/2006 –
01/2012

Technical Physics
TU Graz



Rechbauerstr. 12
A-8010 Graz

completed first section of my studies on 19.09.2007
completed second section of my studies on 01.09.2009, BSc.
completed third section of my studies on 20.01.2012, DI

School

09/2000 –
06/2005

Höhere Technische Bundeslehranstalt
für EDV und Organisation Leonding
(secondary technical and vocational collage for
IT and business administration Leonding)



Limesstrasse 12-14
A-4060 Leonding

degree: Matura (A-Levels) 2005

09/1996 –
06/2000

Bundesrealgymnasium Landwiedstraße



Landwiedstraße 82
A-4020 Linz

09/1992 –
06/1996

Volksschule Langholzfeld



Adalbert-Stifter-Str. 27
A-4061 Pasching

Occupational education








2010
2009
2006
2001/02/03/04

DFT at TU Linz
Accelerator and HEP Physics at DESY
MS-Windows Programming at Fabasoft AG
SAP-Basis at Applied International Informatics AG

Miscellaneous

trumpet (8 years)
karate (5 years)
first aid training

CAREER

- 01.02.2012 –
... | **doctoral student TU Graz**
(Institute of Theoretical and Computational Physics) 
Rechbauerstr. 12
A-8010 Graz
- 20.08.2011 –
10.09.2011 | **research stay with Prof. Dr. Kurt Schönhammer**
Georg-August-Universität Göttingen 
(Institute of Theoretical Physics)
Friedrich-Hund-Platz 1
37077 Göttingen, Germany
- 01.10.2010 –
30.06.2011 | **student's assistant (theoretical physics)**
TU Graz ITP 
(Institute of Theoretical and Computational Physics)
Petersgasse 16
A-8010 Graz
- 12.07.2010 –
12.09.2010 | **FWF project employee**
TU Linz ITP 
(Institute for Theoretical Physics, Many Body Theory Group)
Altenberger Straße 69
A-4040 Linz
- 01.10.2009 –
30.06.2010 | **student's assistant (theoretical physics)**
TU Graz ITP 
(Institute of Theoretical and Computational Physics)
Petersgasse 16
A-8010 Graz
- 01.10.2009 –
30.02.2010 | **student's assistant (experimental physics)**
TU Graz IEP 
(Institute of Experimental Physics)
Petersgasse 16
A-8010 Graz
- 01.10.2009 –
30.02.2010 | **student's assistant (theoretical physics)**
TU Graz IMP 
(Institute of Material Physics)
Petersgasse 16
A-8010 Graz

CAREER (CONTINUED)

20.07.2009 –
10.09.2009

summer student at DESY
Deutsches Elektronen Synchrotron



Notkestrasse 85
D-22607 Hamburg

fields of work: accelerator physics (MPY)

01.10.2008 –
30.06.2009

student's assistant (theoretical physics)
TU Graz ITP
(Institute of Theoretical and Computational Physics)



Petersgasse 16
A-8010 Graz

18.08.2008 –
07.09.2008

teacher (mathematics & physics)
Schülerhilfe



Dauphinstraße 58
A-4030 Linz

07.07.2008 –
03.08.2008

maintenance
Borealis (AMI)



SHAPING the FUTURE with PLASTICS
St.-Peter-Strasse 25
A-4021 Linz

fields of work: maintenance Single Train NH₃ Ammonia
production

01.02.2008 –
30.06.2008

student's assistant (theoretical physics)
TU Graz ITP
(Institute of Theoretical and Computational Physics)



Petersgasse 16
A-8010 Graz

20.08.2007 –
12.09.2007

teacher (mathematics)
Schülerhilfe



Dauphinstraße 58
A-4030 Linz

08.05.2006 –
30.09.2006

software engineer
Fabasoft AG



Honauerstraße 4
A-4020 Linz





fields of work: Microsoft Windows Vista & Office 2k7
programming (.net3.0);

04.09.2005 –
04.05.2006

compulsory military service
Österreichisches Bundesheer
Schreiber at 3. FIABt / FIAR 3 Fliegerhorst Vogler Hörsching;
24.11.2005 – 05.01.2006 Assistenzeinsatz Burgenland



CAREER (CONTINUED)

01.07.2004 – 31.08.2004	SAP software engineer Applied International Informatics AG	 Straßerau 6 A-4020 Linz
	fields of work: SAP R/3: HR, MM, focus on logistic processes;	
07.07.2003 – 05.08.2003	SAP software engineer Applied International Informatics AG	 Straßerau 6 A-4020 Linz
	fields of work: SAP R/3: FI;	
08.07.2002 – 07.08.2002	SAP software engineer Applied International Informatics AG	 Straßerau 6 A-4020 Linz
	fields of work: SAP R/3: Basis, authorisation concepts;	
02.07.2001 – 31.08.2001	SAP software engineer Applied International Informatics AG	 Straßerau 6 A-4020 Linz
	fields of work: SAP R/3: Basis, authorisation concepts;	

PROFESSIONAL
QUALIFICATIONS

Certifications and Accreditations

- o driving license B, B1
- o Cambridge Business English Certificate Vantage Grade A

Computer Skills

programming

C/C++/C#, Java, Fortran, Pascal, Assembler, ABAP/4, Oracle Forms

math – software

Matlab, Mathematica

databases

Oracle 10g, SQLServer, MySQL, MS-Access

operating systems

Linux, Windows

other

MS Office, LaTeX, Origin

Skills

- o physics & mathematics
- o hardware & software engineering
- o project management

LANGUAGES

German	excellent written and oral skills
English	very good written and oral skills

AWARDS

- | | |
|-----------|--|
| 2011 | "Exploring the Kondo physics of the single impurity Anderson model by means of the variational cluster approach"
Awarded the price for the best poster at XVI TC on SCS [Vietri sul Mare (Salerno, Italy)] October 3 - 14, 2011 by the European Physical society |
| 2004/2005 | "EWOS" (easy wireless order system) project manager
3 rd place at „Project Award" 2005 |
| 2004/2005 | Upper Austrian foreign language contest (English)
3 rd place |
| 2003/2004 | "e-content-PRE" project manager
1 st place at „learnie Awards" 2004 of Austrian BMBWK |

THESIS & WORK

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|-----------|---|
| 2012 | A cluster many-body approach to quantum impurity models
master's thesis (TU Graz) |
| 2009 | Optimal compensation of the Earth's magnetic field while tuning the energy at FLASH
DESY summer school (DESY) |
| 2009 | Improvement of Energy Levels in Praseodymium-I by a Line Combination Approach
bachelor's thesis (TU Graz) |
| 2004/2005 | SAP-EDILOG/2
master's thesis (HTBLA Leonding) |

INTERESTS

running, biking, table tennis, karate,
physics, mathematics, geography,
gardening, playing trumpet and guitar,
cinema, music & concerts,
friends & family,
pc & digital media, photography,



Dipl. Ing. Martin Nuss BSc