

## CURRICULUM VITAE

- 2013  
since May 2008 Gaede-Prize of the German Vacuum Society (DVG)  
back in the group of Prof. Dr. R. Wiesendanger  
Institute of Applied Physics, University of Hamburg
- Jan. 2008 - Apr. 2008 Visiting researcher in the Group of Dr. A. Heinrich,  
IBM Almaden Research Center, San Jose, USA  
with a research scholarship (Forschungsstipendium)  
of the German Science foundation (DFG)
- since 2006 Member and project leader of the DFG-Sonderforschungsbereich [SFB 668](#):  
*Magnetism from the single atom to the nanostructure*
- since 2004 Postdoctoral research fellow in the group of Prof. Dr. R. Wiesendanger  
Institute of Applied Physics, University of Hamburg  
Topic: Spin-polarized scanning tunneling microscopy and spectroscopy:  
from magnetic nanostructures towards single atoms
- Nov. 2004 Award  
*Förderpreis der Hamburgischen Stiftung für Wissenschaften, Entwicklung  
und Kultur Helmut und Hannelore Greve 2004*
- Jul. 2004 Award *Excellent Dissertation*  
Department of Physics, University of Hamburg

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### PhD-thesis

- 2000 - 2004 PhD-thesis in the group of Prof. R. Wiesendanger,  
Institute of Applied Physics, University of Hamburg, Germany  
[Iron nanostructures studied by  
spin-polarised scanning tunneling microscopy](#)
- 2001 - 2004 scholarship of the graduate school  
*Design and Characterisation of Functional Materials*
- 2000 - 2001 scholarship of the graduate school  
*Nanostrukturierte Festkörper*

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### university education

- 1999 - 2000 diploma thesis in the group of Prof. K. Wandelt,  
Institute of Physical and Theoretical Chemistry,  
University of Bonn, Germany  
*Scanning Tunneling Microscopy of Mn-Clusters on  
ultrathin Al<sub>2</sub>O<sub>3</sub>-Films on Ni<sub>3</sub>Al(111)*
- 1999 3 months work experience at  
*Deutsches Zentrum für Luft- und Raumfahrt*
- 1999 oral diploma exams

1998 - 2000 scholarship of *Fritz-Ter-Meer-Stiftung*, Bayerwerk  
1997 intermediate diploma  
1995 - 1999 study of chemistry at the  
University of Bonn, Germany

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**school education**

1995 Abitur (final exam)  
1992 - 1993 student exchange program (1 year), Melbourne, Australia  
1991 student exchange program (4 months), Washington, USA  
1986 - 1995 secondary school, Bonn, Germany  
1982 - 1986 primary school, Bonn, Germany