

Prof. Dr. Matthias Wuttig

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Education:

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| 10/1979 - 9/1984: | University of Cologne, Germany; Physics Department |
| 10/1984 - 12/1985: | Diploma thesis, Institut für Grenzflächenforschung und Vakuumphysik, Forschungszentrum Jülich, Germany
"Structure and Dynamics of the clean and adsorbate-covered Cu(100) surface" |
| 12/1985: | Diploma in physics, grade: 1,0 (highest degree);
University of Cologne, Germany |
| 1/1986 - 6/1988: | Ph.D. thesis: Institut für Grenzflächenforschung und Vakuumphysik, Forschungszentrum Jülich, Germany
"Relaxation and Reconstruction of metallic surfaces"
Thesis advisor: Prof. Dr. Harald Ibach |
| 6/1988: | Ph.D., summa cum laude (highest degree);
University of Aachen (RWTH), Germany |

Professional career:

1/1986 - 3/1988	Research Assistant, IGV, Forschungszentrum Jülich, Germany
since 4/1988	Staff Scientist, Institute for Interface Science, Forschungszentrum Jülich, Germany
7/1990 - 1/1991	Visiting scientist, Lawrence Berkeley Laboratory, Berkeley, CA, USA
since 10/1991	Scientist within the Fiebigler program at Research Center Jülich
2/1994	"venia legendi" (lecturer) for physics at RWTH Aachen, Germany
3/1995 - 4/1995	Visiting Professor at CRMC ² - CNRS Marseille, France
5/1995 - 10/1996	Feodor-Lynen Stipend of the Alexander von Humboldt-Foundation at the AT&T Bell Laboratories in Murray Hill, New Jersey, USA
11/1996 – 9/1997	Scientist, Research Center Jülich, Germany and Consultant, Bell Labs, Lucent Technologies, New Jersey, USA
since 10/1997	Full Professor for Physics of New Materials, I. Institute of Physics, RWTH University of Technology Aachen, Germany
10/2004-10/2006	Vice-Dean of the Faculty of Mathematics, Informatics and Natural Sciences, RWTH University of Technology Aachen, Germany
9/1998	Visiting Professor at Hangzhou University, Hangzhou, China
8/1999	Visiting Professor at Kenyatta University, Nairobi, Kenya
3-4, 7-8/2005	Visiting Professor at IBM Almaden Research Center, San Jose (CA), USA
9/2005	Visiting Professor at Zhejiang University, Hangzhou, China
10/2007	Visiting Professor at the Data Storage Institute (DSI), Singapore
9/2008	Visiting Professor at the Shanghai Institute of Microsystems and Information, Chinese Academy of Sciences
3/2010-6/2010	Visiting Professor, Geballe Laboratory for Advanced Materials, Global Climate and Energy Project, Stanford University, CA, USA
7/2010-9/2010	Visiting Professor, Lawrence Berkeley National Laboratory, Berkeley, CA, USA
10/2006-10/2008	Dean of the Faculty of Mathematics, Informatics and Natural Sciences, RWTH University of Technology Aachen, Germany
2009 - 2017	Speaker of the Strategy Board of RWTH Aachen University
10/2010	offer to become Director of Max Planck Institute (Düsseldorf) (declined)
since 7/2011:	Speaker of Collaborative Research Center (SFB 917): Nanoswitches: Resistively switching chalcogenides for future electronic devices

2014	Distinguished Professorship of RWTH Aachen for the project <i>Devising Treasure Maps for Thermoelectrics and Topological Insulators</i>
since 2015	Member of the Selection Committee of the Alexander von Humboldt Foundation
2016	JARA-Director at Forschungszentrum Jülich (JARA-Institute Green-IT (PGI 10))
4 und 9/2017	Visiting Professorship at Centre Interdisciplinaire de Marseilles (CINaM)

Awards and Honors:

1988:	Friedrich-Wilhelm Prize of RWTH Aachen for outstanding achievements within the Ph.D. thesis
1993:	Heinz-Maier-Leibnitz Prize of the Ministry for Education and Science for "Chemistry and Physics of thin films and layer systems"
1995:	Gaede-Prize of the German Vacuum Society
2007:	Stanford R. Ovshinsky Prize
2009:	Einstein Professorship of the Chinese Academy of Sciences
2011:	Member of the Northrhine-Westphalian Academy of Sciences and Arts
2013:	ERC Advanced Grant: Tuning Disorder in Chalcogenides to realize Advanced Functional Devices
2017:	Member of acatec (German National Academy of Science and Engineering)
2018	RWTH Fellow
2018	Honorary professorship of Xi'an Jiaotong University
2019	MRS Fellow