

Prof. Dr. Matthias Wuttig

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Date and Place of Birth: 20. April 1960, in Mettmann, Germany

Legal status: married with Dr. Colette C. Knight (chemist) since 1997,
daughter Clarissa Michelle born in 2012

Education:

- 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 CRMC² - 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 the Collaborative Research Center (SFB 917): Nano-switches: Resistively switching chalcogenides for future electronic devices
- 2014 Distinguished Professorship of RWTH Aachen for the project

Devising Treasure Maps for Thermoelectrics and Topological Insulators

since 2015	Member of the Selection Committee of the Alexander von Humboldt Foundation
2016	JARA-Director at Forschungszentrum Jülich (JARA-Institute Green-IT)
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

Publications and citations:

ISI „Web of Science“: ResearcherID A-8860-2012, ORCID: 0000-0003-1498-1025
325 Publications, 16250 Citations, h-index 65 (December 31st 2018)

Google Scholar: 22200 Citations, h-index 76 (December 31st 2018)