

Curriculum Vitae

Ann-Katrin Michel

Personal Details

Date of birth December 22, 1986
Place of birth Plauen (Saxony, Germany)
Nationality German

Education

1993 - 1997 Karl Marx Primary School, Plauen
1997 - 1999 Albert Einstein Secondary School, Plauen
Attendance at grade 5 and 6
1999 - 2002 Diesterweg Secondary School, Plauen
Attendance at grade 7, 8 and 9
2002 - 2005 Landesgymnasium Sankt Afra for intellectually gifted students
Secondary School, Meißen (Saxony, Germany)
Attendance at the boarding school
Final secondary-school examinations (Abitur), 06/2005
2005 - 2009 RWTH Aachen University
Bachelor of Materials Science, 10/2005 - 03/2009
Bachelor thesis at the II.Institute of Physics B (thesis advisor: Prof. Morgenstern)
Topic: "Nanosoldering of graphene with indium" (grade 1.0)
2nd laureate within the scope of the "Undergraduate research opportunities programme (UROP)" as a part
of the Excellence Initiative
Poster at the DPG Conference 2009 (Dresden) "Indium microsoldering of graphene on silicon dioxide
substrate" (O 27.7)
since 04/2009 RWTH Aachen University (Germany)
Consecutive Master's program in Materials Science majoring in "Nanotechnology and Electronic Materials"
Elective modules: Solid State Physics, III-V-Compound Semiconductors
Paper „Electrical transport and low-temperature scanning tunneling microscopy of microsoldered
graphene" (Appl. Phys. Lett. 96, 082114, 2010)
Student research project at I.Institute of Physics A about recrystallization kinetics of phase change
materials (advisor: Prof. Wuttig), 04/2010 - 08/2010 (grade 1.3)
Current grade point average: 1.3
from 01/2010 UC Berkeley (California, USA)
Master's thesis at the Lawrence Berkeley National Laboratory (thesis advisors: D. Milliron and Prof. Wuttig)

Employment as a student at the RWTH Aachen

- 2006 - 2008 Student assistant at the Institute of Crystallography (Prof. Heger)
Field of work: Crystal growing, tutored the lecture exercises "Fundamentals of Crystallography"
- 2008 - 2009 Student assistant at the II.Institute of Physics B (Prof. Morgenstern)
Field of work: Contacted graphene, tutored the lecture exercises "Physics for Engineers"
- 2009 - 2010 Student assistant at the Department of Physical Metallurgy and Metal Physics (Prof. Gottstein)
Field of work: Tutored the lecture exercises "Physics of Materials"
Student assistant at the Institute of Materials in Electrical Engineering (Prof. Waser)
Field of work: Manufacturing and analysis of redox-based resistive switching memories

Undergraduate Experience

- 08/2005 Internship at Philips Narva Speziallampen (Plauen)
Field of work: Spectroscopy with the main focus being the FTIR analysis of plastics decomposition products
- 09/2006 Internship at Philips Narva Speziallampen (Plauen)
Field of work: FTIR analysis of filling gases

Scholarships

- 2004 - 2005 Scholarship holder of the Mathias Kleyboldt Foundation for intellectually gifted students
- since 10/2009 Scholarship holder of the RWTH Bildungsfonds (Spokesperson of the proRWTH scholarship holders)
- 01/2011 - 06/2011 Scholarship holder of the RWTH Research Ambassador Program

Languages

German - native tongue; English - advanced knowledge; French - advanced knowledge (DELFL premier degré, 2004)

Activities

Athletics (running, climbing, fitness, hiking), social work with mentally disabled persons at the Lebenshilfe Plauen e.V.