

Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: von Bergmann, Kirsten
Researcher unique identifiers: ORCID 0000-0002-4514-3254, Research ID S-5696-2016
Date of birth: 28.05.1976
Nationality: german
URL for web site:
<https://www.physik.uni-hamburg.de/en/inf/ag-wiesendanger/team/vonbergmann-kirsten.html>

• EDUCATION

- 1995 – 2000 Studies of Chemistry at the University of Bonn, Germany, Diploma-thesis at the Institute of Physical and Theoretical Chemistry, group of Prof. Dr. K. Wandelt: *Scanning Tunneling Microscopy study of Manganese Clusters on an ultrathin aluminum oxide film on Ni₃Al(111)*.
- 2000 – 2004 PhD-thesis at the Department of Physics, University of Hamburg, Germany, group of Prof. Dr. R. Wiesendanger: *Iron nanostructures studied by spin-polarized scanning tunneling microscopy*.

• CURRENT POSITION

- since 2004 Member of research staff in the group of Prof. Dr. R. Wiesendanger at the Department of Physics, University of Hamburg, Germany.
- since 2007 Permanent research staff, Department of Physics, University of Hamburg, Germany. *Topics: spin-polarized scanning tunneling microscopy, complex spin textures, skyrmions*.
- since 2020 Habilitation and Privat-Dozentur at University of Hamburg, Germany

• PREVIOUS POSITIONS

- 2008 Visiting researcher at the IBM Almaden Research Center, San Jose, USA, group of Dr. A. J. Heinrich, with a scholarship of the German research foundation (DFG) (4 months). *Topics: Kondo effect and spin-flip excitations of single magnetic atoms*.

• FELLOWSHIPS AND AWARDS

- 2001 – 2004 Scholarship of the Graduate School *Design and Characterization of Functional Materials* of the German research foundation (DFG), Univ. of Hamburg, Germany.
- 2004 Award *Excellent Dissertation*, Department of Physics, Univ. of Hamburg, Germany.
- 2004 Prize for the dissertation from the *Hamburgische Stiftung für Wissenschaften, Entwicklung und Kultur Helmut und Hannelore Greve* (5.000 €).
- 2008 Research scholarship of the German research foundation (DFG) to visit the IBM Almaden Research Center, San Jose, USA (11.000 €).
- 2013 *Gaede-Prize* of the German vacuum society (DVG) (10.000 €).

- **FUNDING AND PROJECTS**

- 2006 – 2017 Member and Principle Investigator (PI) of the Collaborative Research Center SFB 668 of the German Research Foundation (DFG): *Magnetism from the single atom to the nanostructure* (one of two or three PIs in A1 and A8, 2.174.000 €).
- 2009 – 2012 Member of the Hamburg state excellence initiative: *Nanospintronics*.
- 2013 Organizer of a Heraeus-Workshop (one of three organizers, 25.500 €).
- 2015 – 2018 Member of the EU FET-OPEN initiative: *MagicSky*.
- 2018 – 2021 Member and Principle Investigator (PI) of Priority Program SPP 2137 *Skyrmionics* of the German Research Foundation (DFG): Gepris 402843438: *Skyrmion–Skyrmion and Skyrmion–Edge Interactions studied with Scanning Tunneling Microscopy*, (single PI, 226.200 €).
- 2019 – 2022 Project of the German Research Foundation (DFG): Gepris 418425860: *Magnetic ground states at surfaces driven by higher-order exchange interactions*, (together with Stefan Heinze, who receives additional funds) (my funds, 225.700 €).
- 2021 – 2024 EU SPEAR-ITN: Spin-orbit Material, Emergent Phenomena and Related Technologies Training (collaborative project, my funds 505.576 €).

- **TEACHING ACTIVITIES**

- since 2001 practical courses in scanning or magnetic force microscopy for Bachelor of Physics and Bachelor of Nanoscience studies (approx 4 groups each semester), University of Hamburg, Germany.
- 2009 – 2015 exercises in Solid State Physics (four semesters), University of Hamburg, Germany.
- 2011 exercises in Experimental Physics for non-Physicists (one semester), University of Hamburg, Germany.
- since 2019 lecture and exercises (Master level) on Surface Science and Magnetism (together with Jens Wiebe) in summer terms.

- **ORGANIZATION OF SCIENTIFIC MEETINGS**

- 2013 Organizer of the 544. WE-Heraeus-Seminar (approx 80 Participants), Bad Honnef, Germany.
- 2015 Program Committee of the ECOSS 31 (European Conference on Surface Science, approx 600 participants), Barcelona, Spain.
- 2018 International Advisory Board of the ECOSS 34 (European Conference on Surface Science, approx 600 participants), Aarhus, Germany.
- 2018 Symposium Organizer of the 9th JEMS (Joint European Magnetic Symposia, in total approx 600 participants), Mainz, Germany.
- 2019 International Advisory Committee for the 10th MML (International Symposium on Metallic Multilayers), Madrid, Spain.
- 2021 Skymag3 - (virtual due to corona) - scientific committee.

- **CAREER BREAKS**

- 2010 and 2012 parental leave for approximately 8 months each, since 2010 part time 75%.