

Curriculum Vitae of Danny Thonig

Personal Information

Birthname	Böttcher		
Address	Bergslagsresan 20, 75755 Uppsala, Sweden		
Mobile	+46727010037	E-mail	danny.thonig@gmail.com
Date of Birth	May 6th, 1986		
Nationality	german		
Working Address	School of Science and Technology, Örebro University Fakultetsgatan 1 70182 Örebro, Sweden		
Working E-mail	danny.thonig@oru.se		

Work experience and education

From August 2019 (current position)	Associate Senior lecturer at the School of Science and Technology, Örebro University, Örebro, Sweden
From August 2018 - July 2019	Researcher at the Division of Materials Theory, Department of Physics and Astronomy, Uppsala University, Uppsala, Sweden Topic: First principles electronic structure theory and magnetisation dynamics
From March 2018 to March 2019	Parental leave (100% from March to August 2018, 50% from September 2018 to March 2019)
From August 2016 to July 2018	Researcher at the Division of Materials Theory, Department of Physics and Astronomy, Uppsala University, Uppsala, Sweden Topic: Ab-initio magnetisation dynamics within the Tight Binding theory
From August 2014 to July 2016	PostDoc at the Division of Materials Theory, Department of Physics and Astronomy, Uppsala University, Uppsala, Sweden Topic: Spin dynamics in strongly correlated systems Supervisor: Olle Eriksson
From June 2014 to July 2014	Scientist at the Max Planck Institute of Microstructure Physics, Halle, Germany
From December 2010 to May 2014	PhD studies at the Max Planck Institute of Microstructure Physics, Halle, Germany Topic: Magnetization dynamics and magnetic ground state properties from first principles Grade: 1.06 – Summa cum laude (Maximal achievable grade: 1.0) Supervisor: PD Dr. rer. nat. habil. Jürgen Henk
From April 2011 to May 2014	Member of the International Max Planck Research School for Science and Technology of Nanostructures at the Max Planck Institute of Microstructure Physics, Halle, Germany
From October 2008 to July 2009	Scientific assistant at the Martin Luther University Halle-Wittenberg in cooperation with the Max Planck Institute of Microstructure Physics, Halle, Germany Topic: Investigation of magnetic properties on Co/Cu(111)

From August 2008
to September 2008

**Work experience at the Max Planck Institute of Microstructure
Physics, Halle, Germany**

Topic: Investigation of magnetic properties on Fe/FeO/MgO based on the Heisenberg model

From April 2005
to September 2010

**Course of studies in Physics at the Martin Luther University Halle-
Wittenberg, Halle, Germany**

Diploma in cooperation with the Max Planck Institute of Microstructure Physics, Halle, Germany

Topic: Theory of magnetization dynamics in nanostructures

Grade: 1.1 (Maximal achievable grade: 1.0)

Intermediate diploma - Grade: 2.3 (Maximal achievable grade: 1.0)

Activities within the scientific community

Journal Referee	Journal referee for Nature Publishing group (Nat. Phys., Sci. Rep., aso.), Journals of the American Physical Society (PRL, PRB, PRX, PRE, aso.), Elsevier, IOPscience, Emerald Insight - In total, reviewed more than 50 papers.
Evaluation board	FONDECYT Regular Competition 2017 - Proposal Evaluator, European evaluation board
Organization	Student coordinator at the 'International Max Planck Research School', Workshop coordinator of 4 events
Member	German Physical Society, Essence, EMMC, Svenska Fysiker Samfundet
Conference contributions	3 invited talks, 26 contributed talks, 11 posters
Supervision of students	1 Bachelor student, 3 Project Students, No PhD student, 2 PostDoc

Additional qualification

Grants	Vetenskåpsrådet - Startinggrant (2020-2023) - 3MSEK
Courses	European School on Magnetism, Târgoviște, Romania, Aug. 22 – Sep. 2, 2011 Supervisor Training within the Faculty of Science & Technology, November 2016 "Supervising PhD students", Spring 2017; "Swedish for Academics 3", Autumn 2018; "Introduction to Practical Teaching", Spring 2020
Teaching	1.5 year at ORU in Numerical methods for data engineers, Multivariable Analysis for Engineers, Optimization for Engineers

Personal skills

Languages German - **C2** - Proficient User; English - **C1** - Proficient User;
Swedish - **B2** - Independent User

Publications **30** which are cited **637** times - cite: **Google Scholar December 1st, 2020;**
ID: vDtIbaUAAAJ (Google Scholar), 0000-0001-8007-5392 (ORCID)

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