JAN OLAF MIRKO HAERTER

CURRICULUM VITAE

PERSONAL INFORMATION

Nationality: German | Date of birth: 4th October, 1979
Homepage: http://atmospheric-complexity.nbi.ku.dk/

EDUCATION

Physics Department, University of California at Santa Cruz, USA

2007	Ph.D. in theoretical condensed matter physics (Thesis Advisor: B. Sriram Shastry)
Ph.D. Thesis Title:	*Frustration and transport in two-dimensional strongly-correlated systems and the Curie-Weiss phase of sodium cobalt oxide*
2003	M.Sc. in applied condensed matter physics (Supervisor: Sue A. Carter and John C. Scott)

Technical University of Berlin, Germany

1999-2002	Undergraduate studies in physics (degree: Vordiplom)
1999-2002	Simultaneous undergraduate studies in electrical engineering (degree: Vordiplom)

EMPLOYMENT

Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark

2016–present	Associate Professor

Department of Fundamental Physics, University of Barcelona, Barcelona, Spain

2015-2016	Research Scientist

Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark

2011–2015	Postdoc (2011-2013), Assistant Professor (2013-2015)

Max Planck Institute for Meteorology, Hamburg, Germany

2007 – 2010	Postdoc

University of California at Santa Cruz, Santa Cruz, California, USA

2003 – 2007	Graduate Student Researcher

ORGANIZATION OF SCIENTIFIC MEETINGS

2020	Organizer of international conference on Organisation of Convection, Clouds and Precipitation (Niels Bohr Institute, May 2020, likely postponed due to pandemic)
2018	Organizer of focus workshop on self-organization in convection (NBI)
2018	Organizer of interdisciplinary workshop: Stat. Physics meets Exp. Economics (NBI)
2017 – present	Main organizer of ongoing bi-weekly seminars on complex processes in fluids (NBI)
2013	Co-organizer of *NetSci2013* meeting, Copenhagen, Denmark.
2013-2015	Organizer of weekly seminars at Niels Bohr Institute, Copenhagen.

RESEARCH EXPERIENCE (details: publication list and google scholar)

Publications (peer reviewed):	47 (45)	**Invited Talks:**	25
Citations:	3664 (google scholar)	**H-index:**	27

GRANTS, FELLOWSHIPS & AWARDS

2020	Novo Nordisk Synergy Grant (**15 M Danish Crowns=2 M €**, co-PI, one of four), project duration: 4 years, Title: *Effects of bacteria on atmospheres of Earth, Mars, and exoplanets - adapting and identifying life in extraterrestrial environments.*
2017	European Research Council (ERC) Consolidator Grant (**1,314,000 €**, December 2017), project duration: 5 years. Title: *Cloud-cloud interaction in convective precipitation.*
2017	Seed money grant (**100,000 Danish Crowns=13,300 €**) together with Prof. Marco Piovesan, Dept. of Econ., University of Copenhagen.
2016	Villum Young Investigator Grant received (**7 M Danish Crowns=938,000 €**), Project duration: 5 years. Title: *Quantifying convective precipitation extremes under changing climate.*
2004 – 2007	Full Ph.D. tuition scholarship: University of California at Santa Cruz, Santa Cruz, USA.
2007	three-month stipend for project at Université Pierre et Marie Curie, Paris, France.
2002 – 2003	Full DAAD Scholarship for graduate studies at University of California, Santa Cruz, USA.

LANGUAGE PROFICIENCY

German (native), English (near native), Danish (PD3, grade: 10.5/12), Spanish (B2), French (good command).