

Curriculum Vitae

PERSONAL DETAILS

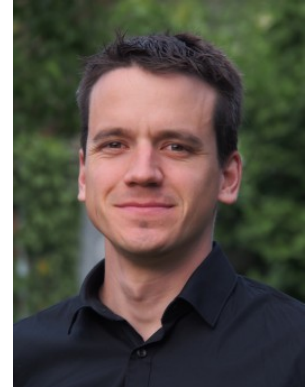
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EMPLOYMENT & EDUCATION

02/2018-present **Senior Scientist**, Institute of Meteorology and Climate Research, KIT, Germany, group of Dr. Christian Grams

01/2016-01/2018 **Research Fellow**, School of Earth, Atmosphere and Environment and ARC Centre of Excellence for Climate System Science, Monash University, Australia, group of Prof. Dr. Michael Reeder

01/2015-12/2015 **Postdoctoral Researcher**, Institute for Atmospheric and Climate Science, ETH Zurich, Switzerland, group of Prof. Dr. Heini Wernli

11/2011-01/2015 **PhD studies**, KIT, Germany on “The impact of tropical convection on the dynamics and predictability of midlatitude Rossby waves: a climatological study” under supervision of Prof. Dr. Sarah Jones

10/2013-12/2013 **Visiting Scientist**, Department of Atmospheric and Environmental Sciences, University at Albany, USA, under supervision of Prof. Dr. Lance Bosart

10/2006-10/2011 **Studies of Meteorology**, KIT, Germany, Diploma Thesis on “Structural characteristics of Typhoon Sinlaku (2008) during its extratropical transition: an observational study” under supervision of Prof. Dr. Sarah Jones

03/2011-05/2011 **Visiting Scientist**, Department of Meteorology, Naval Postgraduate School, Monterey, USA, under supervision of Prof. Dr. Patrick Harr and Dr. Michael Bell

06/2006 **High-school graduation (Abitur)**, Walram Gymnasium Menden, Germany

PROFESSIONAL SERVICE

- Member of the science committee for the 19th Cyclone Workshop 2019, Kloster Seeon
- Co-convenor of the “Dynamical Meteorology” Session, EGU general assembly 2019, Vienna
- Contributing author to the report of the 9th International Workshop on Tropical Cyclones
- Reviewer for journals: Quarterly Journal of the Royal Meteorological Society, Journal of Climate, Monthly Weather Review, Climate Dynamics, Geophysical Research Letters, Journal of Southern Hemisphere Earth Systems Science
- Invited chief forecaster during NAWDEX field campaign 2016, Keflavik, Iceland
- Invited forecaster during HyMeX field campaign 2012, Corsica, France

GRANTS & FELLOWSHIPS

- 2019: DAAD Partnership Program with the University of Tsukuba, Japan, ~20k€
- 2013: Karlsruhe House of Young Scientists Research Travel Grant for research visit at the University at Albany, United States
- 2013: International Association of Meteorology and Atmospheric Sciences Travel Grant to the Davos Atmosphere and Cryosphere Assembly, Davos, Switzerland
- 2012: Karlsruhe House of Young Scientists Travel Grant to the 4th International Workshop on Extratropical Transition, St. Adele, Canada
- 2012: Karlsruhe House of Young Scientists “Event Planning Support” Grant for the PANDOWAE Young Scientists Winter School

TEACHING & SUPERVISION

06/2018-06/2019	Supervision of MSc thesis of Seraphine Hauser, KIT
06/2016-present	Supervision of PhD thesis of Cameron Henderson, Monash University
10/2015-03/2016	Supervision of MSc thesis of Raphael Portmann, ETH Zurich
06/2013-06/2014	Supervision of MSc thesis of Marlon Maranan, KIT
Summer 2012-14	Lecturer in seminar on “Tropical Meteorology”, KIT
Winter 2011	Teaching Assistance in “Theoretical Meteorology”, KIT

INVITED PRESENTATIONS

- 2019: Johannes Gutenberg University of Mainz, Institute for Atmospheric Physics, Mainz, Germany: “The dynamics of heat waves and hybrid cyclones in the Australian region”
- 2019: ECMWF Workshop “Observational Campaigns for better weather forecast, Reading, UK: “Forecast products for flight planning from a researchers' perspective”
- 2019: University of Exeter, College of Engineering, Mathematics and Physical Sciences, Exeter, UK: “The intensity and motion of hybrid cyclones in a composite potential vorticity framework”
- 2017: ARC Centre of Excellence for Climate System Science Workshop, Canberra, Australia: “Southeastern Australian heat waves from a trajectory viewpoint”
- 2016: University of Leeds, Institute for Climate and Atmospheric Science, Leeds, UK: “On the remote impact of tropical cyclones on midlatitude weather and predictability”
- 2016: Monash University, School of Earth Atmosphere and Environment, Clayton, Australia: “On the remote impact of tropical cyclones on midlatitude weather and predictability”