

Felix Müller — PhD student

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PhD Student in Atmospheric Sciences

Leipzig Institute for Meteorology at Leipzig University

2020–today

Leipzig, Germany

Education

Master of Science Mathematics

2019

Otto von Guericke University, thesis in collaboration with BCAM, Spain

Magdeburg, Germany

Bachelor of Science Mathematics

2015

Otto von Guericke University

Magdeburg, Germany

Professional Experience

Graduate Research and Teaching Assistant

2020–today

Leipzig Institute for Meteorology at Leipzig Uni., with Dr. Matthias Tesche

Leipzig, Germany

Research Assistant

2017–2019

Otto von Guericke University, with Julia Lange

Magdeburg, Germany

Intern in Applied Mathematics

02–04/2018, 07–10/2017

BCAM: basque center for applied math., with Dr. Elena Akhmatskaya

Bilbao, Spain

Research Assistant

2015–2016

Otto von Guericke University, with Prof. Dr. Sebastian Sager

Magdeburg, Germany

Research Assistant

03/2015

University of Auckland, with Prof. Dr. Andy Philpott

Auckland, New Zealand

Teaching Experience

Teaching Assistant

winter term 2021, 2024

Leipzig University, Mathematical Foundations for Meteorologists

Leipzig, Germany

Teaching Assistant

2016, 2015, 2014, 2013

Otto von Guericke University, preparatory math course for new students

Magdeburg, Germany

Publications

- F. Müller, T. Seelig, M. Tesche, Tracking individual clouds to assess the fidelity of high-resolution modeling, in *Geophysical Research Letters*, 2025, doi: 10.1029/2025GL115648
- F. Alexandri, F. Müller, G. Choudhury, P. Achtert, T. Seelig, M. Tesche, A cloud-by-cloud approach for studying Aerosol-Cloud Interaction in satellite observations, in *Atmospheric Measurement Techniques*, 2024, doi: 10.5194/amt-17-1739-2024
- T. Seelig, F. Müller, M. Tesche, Do Optically Denser Trade-Wind Cumuli Live Longer?, in *Geophysical Research Letters*, 2023, doi: 10.1029/2023GL103339

Scientific Presentations

EGU General Assembly, Vienna, Austria, poster presentation

2025

ICCP, Seogwipo, South Korea, poster presentation and talk

2024

EGU General Assembly, Vienna, Austria, talk

2024

EUMETSAT Conference, <i>Malmö, Sweden</i> , poster presentation	2023
EGU General Assembly, <i>Vienna, Austria</i> , poster presentation	2023
Cloud Tracking Workshop, <i>Oxford, UK</i> , talk	2023
AMS Collective Madison Meeting, <i>Madison, USA</i> , poster presentation	2022
EGU General Assembly, <i>Vienna, Austria</i> , talk	2022
D-A-CH conference, <i>Leipzig, Germany</i> , poster presentation	2022

Community Involvement

session convener “Challenges for LGBTQIA+ geoscientists”

2025, 2024

short course on inclusivity in the Geosciences community

EGU General Assembly

Additional Skills

Languages: German (native), English (fluent), Spanish (conversational)

Programming: R, C, C++, MATLAB, Julia

Tools: L^AT_EX, TikZ, Stan, AMPL, JuMP, Libre Office and Microsoft Office