

Education

- Sep 2023 - Today **PhD candidate in Astronomy/Astrophysics**, Heidelberg University / Max Planck Institute for Astronomy, Heidelberg, Germany
- Oct 2020 - Dec 2022 **MSc in Astrophysics**, University of Bonn, Bonn, Germany
Final grade: 1.1 (very good)
- 2017 - 2020 **BSc in Physics**, University of Bonn, Bonn, Germany
Final grade: 1.5 (very good)
- 2009 - 2017 **High school**, Lessinggymnasium, Braunschweig, Germany
Final grade: 1.4 (very good)

PhD Thesis

- Preliminary title **"Atmosphere characterization of sub-Neptunes with the Hubble Space Telescope"**
Supervisor Prof. Dr. Laura Kreidberg (MPIA)

Master Thesis

- Title **"The effects of stellar feedback on molecular clumps in the Lagoon nebula (M8)"**
Supervisors Prof. Dr. Karl M. Menten (MPIfR), Prof. Dr. Frank Bigiel (AlfA)

Bachelor Thesis

- Title **"The molecular environment of the solar type protostar IRAS 16293-2422"**
Supervisors Prof. Dr. Karl M. Menten (MPIfR), Prof. Dr. Frank Bigiel (AlfA)

Employment

- Sep 2023 - Today **PhD candidate at the Max Planck Institute for Astronomy**, Heidelberg, Germany
- Dec 2020 - May 2023 **Scientific assistant at the Max Planck Institute for Radio Astronomy**, Bonn, Germany
- Sep 2019 - Oct 2019 **Student assistant at the University of Bonn**, Bonn, Germany, Presenting astrophysical topics to the public at the "Highlights der Physik" science festival

Papers, Posters, Presentations & Workshops

- Jun 2024 **"The surprisingly featureless spectrum of the hot sub-Neptune HD 86226c"**, Oral presentation at the conference "Challenge accepted: linking planet formation with present-day atmospheres".
- Jun 2024 **"The surprisingly featureless spectrum of the hot sub-Neptune HD 86226c"**, Poster presentation at the "Exoplanets 5" conference.
- Nov 2023 **"Post Alpbach Summer School Event 2023"**, refining of the EXODUS space mission as part of the Instrumentation/Optics/Sensors team. Concurrent Engineering session at ESA Academy.
- Jul 2023 **"Sagan Exoplanet Summer Hybrid Workshop"**, attendance to lectures and hands-on sessions covering topics on Exoplanets. Workshop hosted by the NASA Exoplanet Science Institute.
- Jul 2023 **"Summer School Alpbach 2023 – Exoplanets: Understanding alien worlds in diverse environments"**, development of the EXODUS space mission for observing exoplanets. Workshop organized by FFG, ESA and Austrospace.

- Jan 2023 **"The effects of stellar feedback on molecular clumps in the Lagoon nebula (M8)"**, poster and poster-presentation at the Ringberg APEX workshop
- Sep 2022 **"The molecular environment of the solar type protostar IRAS 16293-2422"**, paper by K. Angélique Kahle, Antonio Hernández-Gómez, Friedrich Wyrowski and Karl M. Menten, submitted on September 6, 2022, accepted on December 4, 2022
- Jun 2022 **"The molecular environment of IRAS 16293-2422"**, poster and poster-presentation for the meeting of the Max Planck Institute for Radio Astronomy scientific advisory committee

Programming and Computer Skills

O. S.	Windows, Linux (Ubuntu)
Languages	Python, C
General software	L ^A T _E X, Microsoft Office
Astronomical software	GILDAS, RADEX, CASSIS, paKo, CASA, MESA, PACMAN, Eureka!

Languages

German	Native Speaker
English	Proficient
French	Basic
Spanish	Beginner