

Kolja Reuter

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 koljareuter

Education

Ruprecht-Karls University Heidelberg

Germany

Master of Science in Astrophysics, expected graduation: 1.9

04.2023 - exp. 03.2026

- Master Thesis: "Searching for Fossil AGN Outflows"
- Focus: Galaxy Evolution, AGN Feedback

Ruprecht-Karls University Heidelberg

Germany

Bachelor of Science in Physics, graduated: 2.4

09.2019 – 03.2023

- Bachelor Thesis: "The relation between AGN driven outflows and molecular gas content in galaxies."
- Relevant Courses: Astrophysics, Programming

Jobs and Volunteer Work

Kirchhoff Institute for Physics

Research assistant for administrative tasks

06.2022 - exp. 03.2026

Pub133

Management of a student bar

03.2023 - 9.2024

Rückenwind e.V. initiative

Tutor

12.2021 – 06.2022

- Supporting socially and/or economically disadvantaged children, adolescents, and their families.

Technical Skills

Programming Languages: Python, MATLAB, LaTeX, Excel

Tools: Git, Linux

Driving License: German, Type B

Publications

Paper 1: Kolja Reuter, Viginia Lenk, Dominika Wylezalek "The imprint of AGN activity on molecular gas measurements in MaNGA-selected AGN at $z < 0.12$ " *in prep.*, 2025

Languages

German: Native speaker

English: Fluent

Spanish: Basic knowledge

References

name: Prof. Dr. Dominika Wylezalek; PI Emmy-Noether Research Group GALENA

contact: dominika.wylezalek@uni-heidelberg.de