

# Kolja Reuter

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## Education

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### 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

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### 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

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**Programming Languages:** Python, MATLAB, LaTeX, Excel

**Tools:** Git, Linux

**Driving License:** German, Type B

## Publications

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**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

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**German:** Native speaker

**English:** Fluent

**Spanish:** Basic knowledge

## References

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

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