

SIMON M. DANNHAUER

Astrophysics Master Student at the University of Bonn

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🌐 kreckobservatory.com

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EDUCATION

Master of Science (MSc.) in Astrophysics

University of Bonn

📅 2021 – Ongoing

📍 Argelander Institute of Astronomy

- Thesis "Radio AGN fraction in the first eROSITA all-sky survey"
-

Research Internship

University of Bonn

📅 July 2021 – February 2022

📍 Argelander Institute of Astronomy

- Report "eROSITA observations of the η -Chamaeleontis star cluster: Catalogue of extended background sources"
-

Bachelor of Science (Bsc.) in Physics

University of Bonn

📅 2015 – 2021

📍 Argelander Institute of Astronomy

- Thesis "Correction of space-weather related effects on eROSITA data"
-

International Collaboration

Member eROSITA-DE Collaboration

May 2022-Ongoing

EXPERIENCES AND SKILLS

- **Programming languages:** Python
- **Astronomy packages/software:** astropy, numpy, matplotlib, ds9, linmix, emcee, eSASS, TOPCAT, \LaTeX

Conferences & Workshops

Workshop "Gravitational Waves"

Bethe Center for Theoretical Physics

6.- 10. Jan 2023

Bonn, GER

"Astrophysics from Ground to Space"-Annual Meeting of the German Astronomical Society

Center of Applied Space Technology and Microgravity, Participant

12. - 16. September 2022

Bremen, GER

eROSITA Clusters and Cosmology Working Group F2F meeting

Participant

12. - 14. July 2022

online

Australian/eROSITA_DE Joint Collaboration Workshop 2022

Participant

15. - 17. February 2022

online

Teaching

I have been continuously tutoring since my third bachelor semester. Some of the courses I have tutored are the advanced lab course "Spectroscopy of Stars" and the physics bachelor lectures "Mechanics and Thermodynamics", "Electromagnetism" and "Extragalactic Astronomy" among others.

Outreach

MS Wissenschaft

Development of a dark matter related exhibit with exercises for pupils as part of the "Wissenschaftsjahr 2023 - Unser Universum".

Spring 2023
Bonn, GER

Astronomy on Tap Bonn

Invited Talk "The art of (scientific) failure - being so wrong it's right"

31st Jan 2023
Bonn, GER

EXTRA-CURRICULAR ACTIVITIES

Work experience:

- Digital Strategist NRW-SPD

2021-2022

Volunteering:

- Deputy student representative and member of several appointment committees
- Maintenance director aviation club Luftsportverein Lindlar (LSV Lindlar)
- Public Relations LSV Lindlar
- Youth Leader LSV Lindlar

2021-2022

since 2018

2015-2022

2013-2015

Other interests: Gliding, (astro-)photography

REFEREES

Prof. Dr. Thomas Reiprich

@ reiprich@astro.uni-bonn.de

✉ Argelander Institut für Astronomie, Auf dem Hügel 71, D-53121 Bonn

Prof. Dr. Peter Schneider

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