

Katie Milsom

Curriculum Vitae

Personal Information

Email klm238@exeter.ac.uk
Website katiemilsom.github.io

Education

09/2022 - **PhD in Astrophysics**,
expected *University of Exeter, UK*,
03/2026 Thesis topic: Shadows induced by warps seen in scattered light images of
protoplanetary discs,
Supervisor: Tim Harries
09/2017 **Master of Physics (1:1 with honours)**,
-06/2021 *University of Exeter, UK*,
Master thesis: "Direct Imaging of Exoplanets",
Supervisor: Sasha Hinkley

Publications

In prep. Observational Signatures of Oscillating Fly-by Induced Warps in Protoplan-
etary Discs", **Katie Milsom**, *Tim Harries*
In prep Shadows and Spiral Arcs in the Protoplanetary Disc HD 139614", **Katie**
Milsom, *Tim Harries*

Conferences and Workshops

09/2025 **UKI Disc Meeting 2025**, *Hertfordshire*, Contributed talk
04/2025 **Monash University**, *Melbourne*, Seminar
09/2024 **UKI Disc Meeting 2024**, *Warwick*, Contributed talk
07/2024 **European Astronomical Society Annual Meeting (EAS2024)**,
Padova, Poster
06/2024 **Gravity+: Impact on Star and Planet Formation**, *Grenoble*, Poster
03/2024 **RT24 Radiative Transfer in Astrophysics**, *Heidelberg*, Attendee
07/2023 **National Astronomy Meeting (NAM2023)**, *Cardiff*, Poster
06/2023 **Eureka - Department of Physics Research Conference**, *Bath*, Poster

Teaching Experience

09/2024 **Astronomy lab demonstrator and marker**
-12/2024

09/2022 **Teaching demonstrator and marker for problem sets:** Electromag-
-04/2024 netism, quantum mechanics, thermal physics, condensed matter, mathe-
matics with physical applications

Extracurricular activities

since 07/2023 **Organizer of weekly "Discussions" journal club,** *University of Exeter*

09/2023 **Outreach workshop,** *Colab Exeter*

Skills

Coding, *Python (proficient), C (proficient)*

Computer Skills, *LaTeX, Git*