

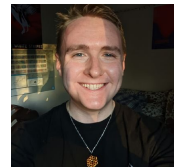
Mr. Christian Kirkham, FRAS

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🐦 @1420megahertz

in christian-k-0a3699216

🌐 <http://astrochristian.github.io/>



Employment History

- Oct 2023 – Jan 2024 **Supervisor for Part II Stellar Dynamics and Structure of Galaxies Module**
Institute of Astronomy, University of Cambridge
- 2022 – 2023 **Demonstrator for Part IA Scientific Computing Module** Department of
Physics, University of Cambridge
- Sep 2021 **“Developing a Remote Operation Mode for the TARA Radio Telescope”**
Centre for Extragalactic Astronomy, Durham University

Education

- 2022 – Present **Ph.D., University of Cambridge** Physics
Thesis title: *Foreground Modelling using Bayesian Techniques for 21cm Cosmology*.
- 2018 – 2022 **MPhys., Durham University** Physics with Astronomy.
Thesis title: *The Gaia and HST Cepheid Scales and the Tension in Hubble’s Constant*.

Research Publications

- 1 C. J. Kirkham, D. J. Anstey, and E. d. L. Acedo, *A Bayesian Method to Mitigate the Effects of Unmodelled Time-Varying Systematics for 21-cm Cosmology Experiments*, Oct. 2023. [DOI](#):
10.48550/arXiv.2310.17975. arXiv: 2310.17975 [astro-ph]. (visited on 10/31/2023).

Skills

- Languages **Strong** reading, writing and speaking competencies in English
- Coding **Strong** Python, \LaTeX , Git, UNIX.
- Databases **Strong** ADQL.
- Web Dev **Strong** HTML, CSS, JavaScript.
- Misc. **Strong** Academic research, teaching, \LaTeX typesetting and publishing.

Miscellaneous Experience

Awards and Achievements

- 2019 **Physics Award for Outstanding Achievement**, Durham University

References

Available on Request