

Felix D. Priestley

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RESEARCH INTERESTS

- Hydrodynamical and astrochemical modelling of star formation
- Dust emission from supernovae and supernova remnants

EMPLOYMENT

Cardiff University, UK Post-doctoral research associate	Jul 2019 -
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University College London, UK Post-doctoral research assistant	Oct 2018 - Jun 2019
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EDUCATION

University College London, UK <i>PhD Astrophysics</i> Thesis Title: Molecule and dust emission at the beginnings and ends of stellar evolution Supervisor: Prof. Mike Barlow Awarded Dec 2018	Oct 2015 - Sep 2018
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University College London, UK <i>MSci Astrophysics, 1st Class</i> Master's Thesis Title: The effects of gravitational collapse on the chemical evolution of prestellar cores Supervisor: Prof. Serena Viti	Sep 2011 - Jun 2015
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PUBLICATION SUMMARY

Refereed articles: 11 (8 first author)
Total citations: 65 (24 first author)

TECHNICAL SKILLS

Programming: Fortran 77/90/Modern (experienced), Python, Linux shell
Languages: English (native speaker), Spanish (intermediate)

TALKS

Supernovae and dust tele-talk series <i>Dust survival in supernova remnants: an observational perspective</i>	Feb/Mar 2020
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EWASS 2019 <i>The survival of dust grains in the ejecta of core-collapse supernovae</i>	Jun 2019
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Cardiff University <i>Molecular tracers of star formation mechanisms</i>	Apr 2019
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The Supernova-Supernova Remnant Connection <i>The pre- and post-shock dust mass in Cassiopeia A</i>	Jan 2019
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AWARDS	Jon Darius Memorial Prize <i>Outstanding postgraduate research in Astrophysics</i>	2019
TEACHING	Demonstrator, University of London Observatory Assisted with undergraduate practical astronomy courses	Sep 2013 - Jun 2017
OBSERVING EXPERIENCE	Isaac Newton Telescope, La Palma 5 nights observing for UVEX/IPHAS survey	Aug 2017
REFeree CONTACT INFORMATION	<p>Prof. Anthony Whitworth School of Physics and Astronomy, Cardiff University Queens Buildings, The Parade, Cardiff CF24 3AA, UK anthony.whitworth@astro.cf.ac.uk</p> <p>Prof. Mike Barlow Department of Physics and Astronomy, University College London Gower Street, London, WC1E 6BT, UK mjb@star.ucl.ac.uk</p> <p>Prof. Serena Viti Department of Physics and Astronomy, University College London Gower Street, London, WC1E 6BT, UK sv@star.ucl.ac.uk</p>	