

## Paul James Wright

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CONTACT INFORMATION	Rm 614, Kelvin Building University of Glasgow Glasgow, G12 8QQ United Kingdom	Work: +44 (0)14133 08855 Web: <a href="http://www.pauljwright.co.uk">www.pauljwright.co.uk</a> Email: <a href="mailto:paul.wright@glasgow.ac.uk">paul.wright@glasgow.ac.uk</a> Publication List: <a href="#">SAO/NASA ADS</a>
RESEARCH INTERESTS	My interests range from stellar to solar physics; my main interests lie in the heating of the solar atmosphere, including active regions and loops. Currently I am gaining expertise in analysis of data from <i>SDO/AIA</i> , <i>Hinode/XRT</i> , <i>Hinode/EIS</i> and <i>NuSTAR</i> .	
EDUCATION	<b>University of Glasgow</b> , Glasgow, UK Ph.D. Solar Physics Thesis Topic: <i>The Energetics of Small Flares and Brightenings</i> Advisers: Dr Iain G. Hannah, Dr Alexander MacKinnon <b>University of Southampton</b> , Southampton, UK MPhys Astrophysics with a year abroad First class honours (1:1) Adviser: Professor Malcolm Coe <b>Harvard University/Harvard-Smithsonian CfA</b> , Cambridge, MA MPhys Astrophysics with a year abroad Thesis Topic: <i>Superflare Rates of Solar-Like Stars</i> Advisers: Dr Steven H. Saar, Dr Jeremy J. Drake	2014 – present          2010 – 2014       2013 – 2014
CURRENT ACADEMIC APPOINTMENT	<b>Post-Graduate Research Assistant</b> , University of Glasgow SUPA School of Physics and Astronomy Project: <i>The Energetics of Small Flares and Brightenings</i>	2014 – present
PREVIOUS ACADEMIC APPOINTMENTS	<b>Visiting Researcher</b> , NASA Goddard Space Flight Center (GSFC) Heliophysics Science Division Worked on the possibility of implementing DEM maps into in the <a href="#">Helioviewer</a> project, and their usefulness as a data product for various established analysis techniques. Collaborators: <i>Nicholeen Viall, Jack Ireland</i> <b>Research Scholar</b> , Harvard-Smithsonian Center for Astrophysics (CfA) Solar and Stellar X-Ray Group Designed and implemented a sophisticated stellar flare detection routine for long-cadence (30 mins) <i>Kepler</i> data. <i>Publications are currently in preparation.</i> This work has had coverage by <a href="#">Science</a> , and <a href="#">The Smithsonian Magazine</a> . Collaborators: <i>Steven Saar, Søren Meibom, Jeremy Drake, Vinay Kashyap</i>	2016       2013 – 2014
REFEREED JOURNAL PUBLICATIONS	<ul style="list-style-type: none"><li>[1] Marsh, A. J., Smith, D. M., Glesener, L. <i>et al</i> 2017. <i>First NuSTAR Limits on Quiet Sun Hard X-Ray Transient Events</i>, <i>ApJ</i> (in revision)</li><li>[2] Wang, J., Simões, P. J. A., Jeffrey, N. L. S. <i>et al</i> 2017. <i>Observations of Reconnection Flows in a Flare on The Solar Disk</i>, <i>ApJL</i>, 847, L1</li><li>[3] Wright, P. J., Hannah, I. G., Grefenstette, B. W., <i>et al</i> 2017. <i>Microflare Heating of a Solar Active Region Observed with NuSTAR, Hinode/XRT, and SDO/AIA</i>, <i>ApJ</i>, 844, 132</li><li>[4] Kuhar, M., Krucker, S., Hannah, I. G., <i>et al</i> 2017. <i>Evidence of Significant Energy Input in the Late Phase of a Solar Flare from NuSTAR X-ray Observations</i>, <i>ApJ</i>, 835, 6</li></ul>	

FIRST AUTHOR	[5] <b>Wright, P. J.</b> , Hannah, I. G., Viall, N. M., <i>et al</i>
PUBLICATIONS IN	
PREPERATION	[6] <b>Wright, P. J.</b> , Saar, S. H., Meibom, S., <i>et al</i>

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CONFERENCES, WORKSHOPS, & SCHOOLS	<b>Invited Oral Presentations</b>	
	<i>ISSI Team Meeting: Coronal Nanoflares</i> , Bern, CH	2016
	<i>Harvard-Smithsonian Center for Astrophysics</i> , Cambridge, MA, USA	2014
	<b>Oral/ePoster Presentations</b>	
	<i>Solar Physics Division Meeting (SPD/AAS)</i> , Portland, OR, USA	2017
	<i>Coronal Loops Workshop VIII</i> , Palermo, Sicily, IT	2017
	<i>Living with a Star (SDO/LWS) Workshop</i> , Burlington, VT, USA	2016
	<i>Hinode 10</i> , Nagoya, JP	2016
	<i>National Astronomy Meeting 2016</i> , Nottingham, UK	2016
	<i>Hinode 9</i> , Belfast, UK	2015
	<i>Glasgow-Cambridge Flare Workshop</i> , Glasgow, UK	2015
	<b>Poster Presentations</b>	
	<i>European Solar Physics Meeting (ESPM)</i> , Budapest, HU	2017
	<i>Solar Physics Division Meeting (SPD/AAS)</i> , Portland, OR, USA	2017
	<i>Living with a Star (SDO/LWS) Workshop</i> , Burlington, VT, USA	2016
	<i>Coronal Loops Workshop VII</i> , Cambridge, UK	2015
	<i>NAM 2015</i> , Llandudno, UK	2015
	<i>223rd AAS Meeting</i> , National Harbor, MD, USA	2014
	<b>Schools Attended</b>	
	<i>CESRA Radio Summer School 2015</i> , Glasgow, UK	2015
	<i>STFC Advanced Summer School in Solar Physics</i> , Dundee, UK	2014
	<b>Conferences/Workshops Attended</b>	
	<i>NuSTAR Solar Workshop (remote participation)</i> , Berkeley, CA, USA	2017
	<i>SUPA Cormack Astronomy Meeting</i> , Edinburgh, UK	2015
	<i>RAS Discussion Meeting: Results from IRIS</i> , London, UK	2015
	<i>SUPA Cormack Astronomy Meeting</i> , Edinburgh, UK	2014
	<i>1st Space Glasgow Research Conference</i> , Glasgow, UK	2014
AWARDS AND GRANTS TOTAL: £7000	<b>SUPA School of Physics and Astronomy, University of Glasgow</b>	
	<i>Solar Physics Division Meeting (SPD/AAS) Student Poster Award</i>	2017
	<i>Solar Physics Division Meeting (SPD/AAS) Studentship Award</i>	2017
	<i>Coronal Loops Workshop VIII Travel Award</i>	2017
	<i>National Astronomical Observatory of Japan Travel Award</i>	2016
	<i>Hinode 9 Travel Award</i>	2015
	<i>European Space Agency/Cambridge Philosophical Society Travel Award</i>	2015
	<b>School of Physics and Astronomy, University of Southampton</b>	
	<i>Research Scholarship</i>	2013
	<i>Summer Studentship Grant</i>	2013
COMMUNITY INVOLVEMENT OUTREACH	<b>CESRA Radio Summer School</b> , Volunteer Organiser	2015
	<b>Glasgow Science Centre</b> , Demonstrator	2016
	<b>British Science Week</b> , Demonstrator	2016
	<b>Institute of Physics: Women and Girls in Science</b> , Demonstrator	2016
	<b>Scottish Television (STV)</b> , Guest Presenter	2015
	<b>World Wide Telescope</b> , Ambassador	2013 – 2014
	<b>BBC Stargazing Live</b> , Demonstrator	2013
	<b>So'ton Astrodome</b> , Demonstrator	2012
	<b>BBC Bang Goes The Theory Roadshow</b> , Demonstrator	2012

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TEACHING	<b>University of Glasgow</b>	
	<b>Astronomy 1 Tutorial Demonstrator</b>	2016 - 2017
	Supervised students, and marked first year astronomy problem sets.	
	<b>Physics Pre-University Summer School</b>	2015
	Engaged students in various physics experiments and marked assignments.	
	<b>Astronomy 3/4 (Honours) Laboratory Demonstrator</b>	2015 - 2016
	Demonstrated, supervised, and marked a number of final-year research projects covering topics such as asteroid light curves, and solar limb darkening.	
MEMBERSHIPS	<b>International Space Science Institute (ISSI)</b> , Young Scientist Member	2015 – present
	Member of Paola Testa's ISSI Team: <i>New Diagnostics of Particle Acceleration in Solar Coronal Nanoflares from Chromospheric Observations and Modeling</i>	
	<b>Royal Astronomical Society</b> , RAS Fellow	2015 – present
MORE INFORMATION	More information and auxiliary documents can be found at <a href="http://www.pauljwright.co.uk">http://www.pauljwright.co.uk</a> , on <a href="#">ResearchGate</a> , and <a href="#">GitHub</a> .	