

Paul James Wright

CONTACT INFORMATION	Rm 614, Kelvin Building University of Glasgow Glasgow, G12 8QQ United Kingdom	Work: +44 (0)14133 08855 Web: www.pauljwright.co.uk Email: paul.wright@glasgow.ac.uk Publication List: SAO/NASA ADS
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> .	
CURRENT ACADEMIC APPOINTMENT	Post-Graduate Research Assistant, University of Glasgow SUPA School of Physics and Astronomy Project: <i>The Energetics of Small Flares and Brightenings</i>	2014 – present
PREVIOUS ACADEMIC APPOINTMENTS	Visiting Researcher, NASA Goddard Space Flight Center (GSFC) Heliophysics Science Division Worked on the possibility of implimenting DEM maps into in the Helioviewer project, and their usefulness as a data product for various established analysis techniques. Research Scholar, Harvard-Smithsonian Center for Astrophysics (CfA) Solar and Stellar X-Ray Group Worked on stellar flare detection routines for long-cadence (30 mins) <i>Kepler</i> data.	2016 2013 – 2014
EDUCATION	University of Glasgow , Southampton, UK Ph.D. Physics <ul style="list-style-type: none"> • Thesis Topic: <i>The Energetics of Small Flares and Brightenings</i> • Advisers: Dr Iain G. Hannah; Dr Alexander MacKinnon University of Southampton , Southampton, UK MPhys Astrophysics with a year abroad <ul style="list-style-type: none"> • First class honours (1:1) Harvard-Smithsonian CfA/Harvard University , Cambridge, MA MPhys Astrophysics with a year abroad <ul style="list-style-type: none"> • 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
REFEREED JOURNAL PUBLICATIONS	[1] 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> 2017, submitted [2] 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> , ApJ , 844, 132 [3] Kuhar, M., Krucker, S., Hannah, I. G., <i>et al</i> 2017. “Evidence of Significant Energy Input in the Late Phase of a Solar Flare from NuSTAR X-ray Observations”, ApJ , 835, 6	
PAPERS IN PREPARATION	[4] Wright, P. J. , Hannah, I. G., <i>et al.</i> [5] Wright, P. J. , Saar, S. H., Meibom, S., <i>et al.</i> 2017	

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CONFERENCES, WORKSHOPS, & SCHOOLS	Invited Oral Presentations	
	<i>ISSI Team Meeting: Coronal Nanoflares</i> , Bern, Switzerland	2016
	<i>Harvard-Smithsonian Center for Astrophysics</i> , Cambridge, MA, USA	2014
	Oral/ePoster Presentations	
	<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
	Poster Presentations	
	<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
	Schools Attended	
	<i>CESRA Radio Summer School 2015</i> , Glasgow, UK	2015
	<i>STFC Advanced Summer School in Solar Physics</i> , Dundee, UK	2014
	Conferences/Workshops Attended	
	<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	SUPA School of Physics and Astronomy, University of Glasgow	
	<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
	School of Physics and Astronomy, University of Southampton	
	<i>Research Scholarship</i>	2013
	<i>Summer Studentship Grant</i>	2013
COMMUNITY INVOLVEMENT OUTREACH	CESRA Radio Summer School , Volunteer Organiser	2015
	Glasgow Science Centre , Demonstrator	2016
	British Science Week , Demonstrator	2016
	Institute of Physics: Women and Girls in Science , Demonstrator	2016
	Scottish Telesvion (STV) , Guest Presenter	2015
	World Wide Telescope , Ambassador	2013 – 2014
	BBC Stargazing Live , Demonstrator	2013
	So'ton Astrodome , Demonstrator	2012
	BBC Bang Goes The Theory Roadshow , Demonstrator	2012

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TEACHING	University of Glasgow Astronomy 1 Tutorial Demonstrator 2016 - 2017 Supervised students, and marked first year astronomy problem sets. Physics Pre-University Summer School 2015 Engaged students in various physics experiments and marked assignments. Astronomy 3/4 (Honours) Laboratory Demonstrator 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	International Space Science Institute (ISSI) , 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> Royal Astronomical Society , RAS Fellow 2015 – present
MORE INFORMATION	More information and auxiliary documents can be found at http://www.pauljwright.co.uk , on ResearchGate , and GitHub .