

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> .	
EDUCATION	University of Glasgow , 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 2014 – present	
	University of Southampton , Southampton, UK MPhys Astrophysics with a year abroad First class honours (1:1) Adviser: Professor Malcolm Coe 2010 – 2014	
	Harvard University/Harvard-Smithsonian CfA , 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 2013 – 2014	
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 implementing DEM maps into in the Helioviewer project, and their usefulness as a data product for various established analysis techniques. Collaborators: <i>Nicholeen Viall, Jack Ireland</i> 2016	
	Research Scholar , 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 Science , and The Smithsonian Magazine . Collaborators: <i>Steven Saar, Søren Meibom, Jeremy Drake, Vinay Kashyap</i> 2013 – 2014	
REFEREED JOURNAL PUBLICATIONS	[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) [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 [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 [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	

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FIRST AUTHOR PUBLICATIONS IN PREPERATION	[5] Wright, P. J. , Hannah, I. G., Viall, N. M., <i>et al</i>	
	[6] Wright, P. J. , Saar, S. H., Meibom, S., <i>et al</i>	
CONFERENCES, WORKSHOPS, & SCHOOLS	Invited Oral Presentations	
	<i>ISSI Team Meeting: Coronal Nanoflares</i> , Bern, CH	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	SUPA School of Physics and Astronomy, University of Glasgow	
TOTAL: £7000	<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
	School of Physics and Astronomy, University of Southampton	
	<i>Research Scholarship</i>	2013
	<i>Summer Studentship Grant</i>	2013
COMMUNITY INVOLVEMENT	CESRA Radio Summer School , Volunteer Organiser	2015
OUTREACH	Glasgow Science Centre , Demonstrator	2016
	British Science Week , Demonstrator	2016
	Institute of Physics: Women and Girls in Science , Demonstrator	2016
	Scottish Television (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 .	