

Paul James Wright

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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 2014 – present Ph.D. Solar Physics Thesis Topic: <i>The Energetics of Small Flares and Brightenings</i> Advisers: Dr Iain G. Hannah, Dr Alexander MacKinnon University of Southampton , Southampton, UK 2010 – 2014 MPhys Astrophysics with a year abroad First class honours (1:1) Harvard University/Harvard-Smithsonian CfA , Cambridge, MA 2013 – 2014 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	
CURRENT ACADEMIC APPOINTMENT	Post-Graduate Research Assistant , University of Glasgow 2014 – present SUPA School of Physics and Astronomy Project: <i>The Energetics of Small Flares and Brightenings</i>	
PREVIOUS ACADEMIC APPOINTMENTS	Visiting Researcher , NASA Goddard Space Flight Center (GSFC) 2016 Heliophysics Science Division Collaborators: <i>Nicholeen Viall, Jack Ireland</i> Research Scholar , Harvard-Smithsonian Center for Astrophysics (CfA) 2013 – 2014 Solar and Stellar X-Ray Group Designed and implemented a sophisticated stellar flare detection routine for long-cadence (30 mins) <i>Kepler</i> data. Collaborators: <i>Steven Saar, Søren Meibom, Jeremy Drake, Vinay Kashyap</i>	
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> (accepted) [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	
FIRST AUTHOR PUBLICATIONS IN PREPERATION	[5] Wright, P. J., Hannah, I. G., Viall, N. M., <i>et al</i> (in prep) [6] Wright, P. J., Saar, S. H., Meibom, S., <i>et al</i> (in prep)	
SELECT AWARDS	Solar Physics Division Meeting (SPD) Studentship Award 2017 <i>Cumulative total of Awards and Grants: £7000</i>	
SELECT 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>	