

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 implementing 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 | <p>[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</p> <p>[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</p> <p>[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</p> | |
| PAPERS IN PREPARATION | <p>[4] Wright, P. J., Hannah, I. G., <i>et al.</i></p> <p>[5] Wright, P. J., Saar, S. H., Meibom, S., <i>et al.</i> 2017</p> | |

Paul James Wright

| | | |
|---|---|-------------|
| 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 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 |

Paul James Wright

| | | |
|------------------|---|----------------|
| 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 . | |