

Peter Levens

Date of birth: 26/11/1991
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Current situation

University of Glasgow - Postgraduate

2013 - Present

Ph.D. in Solar Astronomy, researching solar prominences and tornadoes using spectroscopic techniques

First author papers

- “A solar tornado observed by EIS: Plasma diagnostics”, P. Levens, N. Labrosse, L. Fletcher, B. Schmieder, *Astronomy & Astrophysics*, submitted.
- “Structure of prominence legs: Plasma and magnetic field”, P. J. Levens, B. Schmieder, N. Labrosse, A. López Ariste, *Astrophysical Journal*, 2016, 818, 31L.
- “Magnetic field in atypical prominence structures: Bubble, Tornado, and Eruption”, P. J. Levens, B. Schmieder, A. López Ariste, N. Labrosse, K. Dalmasse, B. Gelly, *Astrophysical Journal*, 2016, 826, 164L.

Meetings, talks and posters

- June 2016 – Talk at the National Astronomy Meeting in Nottingham
- June 2016 – Talk at the IRIS-6 meeting in Stockholm, Sweden
- November 2015 – Poster at the SUPA Cormack Astronomy Meeting in Edinburgh
- September 2015 – Talk at the Hinode 9 meeting in Belfast
- July 2015 – Poster at the National Astronomy Meeting in Llandudno
- May 2015 – Talk at the IRIS-4 Workshop in Boulder, Colorado, USA
- January 2015 – Talk at Royal Astronomical Society IRIS specialist meeting in London.
- September 2014 – Talk at the European Solar Physics Meeting in Dublin.
- February 2014 – Poster at Royal Astronomical Society prominence meeting in London.

Funded international trips

- December 2016 – I was selected to be a member of the IRIS Science team as a science planner, receiving travel funding from the University of Glasgow for the trip.
- November 2014 to February 2015 – I was awarded funding as part of SUPA’s Long Term Attachment scheme to spend four months in Paris at the Meudon Observatory.
- May and July 2014 – I was part of observing team that was awarded funding by SOLARNET to use the THEMIS telescope in the Canary Islands, where I was responsible for planning and performing observations.

Education

University of Glasgow - Undergraduate

2009 - 2013

- BSc. With Honours of the First Class in Physics and Astronomy

Computer skills

Over the years I have gained a great deal of experience in computer programming, specifically in IDL and MATLAB languages, as well as the typesetting language LaTeX. I am also familiar with MacOS, Windows and Ubuntu/Linux-type operating systems. Beyond the normal user interface, I can also comfortably navigate Unix-based OS command lines, specifically the MacOS and Ubuntu Terminal, and use bash, cshell and text editors such as Vim.