

# Peter Levens

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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

## Published papers

- “A solar tornado observed by EIS: Plasma diagnostics”, P. J. Levens, N. Labrosse, L. Fletcher, B. Schmieder, *Astronomy & Astrophysics*, 2015, 582, A27.
- “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.
- “H $\alpha$  Doppler shifts in a tornado in the solar corona”, B. Schmieder, P. Mein, N. Mein, P. J. Levens, N. Labrosse, L. Ofman, *Astronomy & Astrophysics*, 2017, *in press*; arXiv:1612.02232

## Meetings, talks and posters

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

## Funded international trips

- December 2016 – I was selected to be a member of the IRIS Science team as a science planner, receiving funding from the University of Glasgow for the trip to the LMSAL facility in Palo Alto, CA, USA. I was responsible for the creation and upload of the daily IRIS observing plan.
- 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 Observatoire de Paris, Meudon, France.
- 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. This was a coordinated observing campaign, so I also was responsible for detailing coordination with the Hinode and IRIS satellites.

## Education:

University of Glasgow - Undergraduate

2009 - 2013

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