

Nicky Chorley

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Personal details

Date of birth: 11th September 1984

Nationality: British

Education

PhD Solar Physics
University of Warwick, 2007 - present

- Thesis: Spatial and temporal analysis of sunspot oscillations
- Research interests: sunspot oscillations, data analysis
- Supervisors: Dr. B. Hnat, Prof. V. M. Nakariakov
- Expected submission date: May 2011

MSc Computing Science
Imperial College London, 2006 - 2007

- Project: Observing worms and viruses with a network telescope, supervisor: Dr. U. Harder

BSc (Hons.) Physics and Astrophysics (class II, division i)
University of Birmingham, 2003 - 2006

Publications

Chorley, N., Hnat, B., Nakariakov, V. M., Inglis, A. R. & Bakunina, I. A. 2010, Long period oscillations in sunspots, *Astron. Astrophys.*, **513**, A27

Chorley, N., Foullon, C., Hnat, B., Nakariakov, V. M. & Shibasaki, K. 2011, Period persistence of long period oscillations in sunspots, *Astron. Astrophys.*, **529**, A123

Yuan, D., Foullon, C., **Chorley, N.** & Nakariakov, V. M. 2011, Leakage of long period oscillations from the chromosphere to the corona, *Astron. Astrophys.*, submitted

Conferences

BUKS 2009: workshop on MHD waves and seismology of the solar atmosphere, April 2009, Leuven, Belgium

- Contributed talk: Radio observations of long period oscillations in sunspots

BUKS 2010, June 2010, St. Andrews, Scotland

- Contributed talk: Persistency of long period oscillations in sunspots

Teaching experience

Lab demonstrator, 2nd year Microprocessors lab, University of Warwick, 2007 - 2010

Skills

Technical: Linux, Windows, C++, Java, Bash, IDL, R, MATLAB, L^AT_EX

Languages: French (A Level)

Responsibilities

Secretary, University of Warwick Postgraduate Society, 2009

MSc Computing Science student representative, Imperial College London, 2006 - 2007

Science tutor, Alderbrook primary school, London, 2006 - 2007