List of publications

Éric Buchlin

1 Thesis


2 Refereed papers


Submitted


3 International conferences

3.1 With refereed proceedings


3.2 With proceedings


3.3 With publication of abstracts


3.4 Other communications


[95] Buchlin, É., Mercier, C., Goujon, J.-B. and Vial, J.-C. Automated detection, characterization, and tracking of filaments from SDO data. Oral presentation, 40th COSPAR Scientific Assembly, Moscow, Russia, August 2014.


[100] Buchlin, É. and Génot, V. MEDOC and CDPP connected services for space weather applications. Fair stand, 11th European Space Weather Week, Liège, Belgium, November 2014.


[105] Buchlin, É. and Génot, V. MEDOC and CDPP connected services for space weather applications. Fair stand, 12th European Space Weather Week, Oostende, Belgium, November 2015.


4 National conferences

4.1 With proceedings


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### 4.2 Other communications


[156] **Buchlin, É.** Chromospheric and coronal heating. Oral presentation, EST (European Solar Telescope) - France workshop, Meudon, France, May 2010 (*invited review*).


5 Workshops and summer schools

5.1 Oral presentations


Events and intermittency from time series of energy dissipation. Summer school *Analysis techniques for turbulent plasmas*, Copanello, Italy, September 2004.


Numerical methods and parallel techniques used in a model of MHD turbulence in a solar coronal loop. *“Grand Challenge Problems in Computational Astrophysics” Culminating Conference*, Lake Arrowhead, California, June 2005 (invited).


Turbulent heating in the solar corona and turbulence in the solar wind. *“Grand Challenge Problems in Computational Astrophysics” 1st Reunion Conference*, Lake Arrowhead, California, December 2006 (invited).


Latest results from the coronal loop model. *ISSI team on Coronal Heating*, Bern, Switzerland, January 2009.

5.2 Posters


6 Books and parts of books


7 Internal reports


8 Numerical simulation code


9 Other publications and outreach


