

ISSI CS papers
As of 4 August 2008

Submitted or published papers

Barta, M., Karlicky, M., and Vrsnak, B., "Dynamics of plasmoids formed by the current sheet tearing", A&A, 477, 649, 2008

Bemporad, Poletto, Landini & Romoli, "Magnetic reconnection processes induced by a CME expansion", (10 Dec 2005 event), Ann. Geophys., in press, 2008

Bemporad, et al., "Current sheet evolution in the aftermath of a CME event", (evolution of turbulence - 26 Nov 2002 event), ApJ, submitted, 2008

Ciaravella and Raymond, "The Current Sheet Associated with the 2003 November 4 Coronal Mass Ejection: Density, Temperature, Thickness and Line Width", (4 Nov. 2003 event), ApJ, in press, 2008

Lin et al., "Features and properties of coronal mass ejection/flare current sheets", thickness; ApJL, 658, L123, 2007

Poletto, Bemporad, Landini & Romoli, "Reconnection in a slow Coronal Mass Ejection", (28 May 2004 event), Ann. Geophys., submitted, 2008

Poletto, Adv. Geophys., "Reconnection in Flares and CMEs", in press, 2008

Santos + Buechner + Madjarska + Alves, A&A, "On the relation between DC current locations and an EUV Bright Point: A case study", submitted, 2008

Temmer (Vrsnak) et al., "Acceleration in Fast Halo CMEs and Synchronized Flare HXR Bursts", ApJ, 673, L95, 2008

Vrsnak, Adv. Geophys., (Proc AOGS 2007, Bangkok) "The role of reconnection in the CME/flare process", in press, 2008

Vrsnak, Ann. Geophys., (Proc SOHO20), "Processes and mechanisms governing the initiation and propagation of CMEs", in press, 2008

Upcoming papers

Aurass and Poletto - May 17, 2002 event

Bemporad - COSPAR talk, Adv Space Res., "Are CMEs globally affecting the corona by reconnection occurring on different scales?, to be submitted

Ciaravella, Raymond, Webb - UVCS/WL characteristics

Ko, Vrsnak - T and ion. of rays, (new Paper 2), >6 months

Lin et al. - thickness and mechanisms

Lin et al. - solar and terrestrial contexts compared

Lin et al. - particle accelerations in CS

Poletto - COSPAR talk, Adv Space Res., "Inferences on Reconnection from Observations of CMEs", to be submitted

Schettino et al., to be submitted – 2 June 2003 event

Suess, Ko - Quiescent CSs in SW

Suess, Ko - Active CSs in SW

Webb, Burkepile - 7 Sept 2005

Webb - WL ray characteristics

Vrsnak et al., "Morphology and density structure of post-CME current sheets", in prep., 2008

Vrsnak - model only
Vrsnak, Jacobs - new paper 3

Standard Acknowledgement:

“... thank ISSI for the hospitality provided to members of the team on the Role of Current Sheets in Solar Eruptive Events, where many of the ideas for this work have been discussed.”