

1. Amm et al.: Substorm topology in the ionosphere and magnetosphere during a flux rope event in the magnetotail, *ESA SP*, 598, P8.4, 2006.
2. Amm et al.: Substorm topology in the ionosphere and magnetosphere during a flux rope event in the magnetotail, *Ann. Geophys.*, 24, 735–750, 2006.
3. Asano et al.: Detailed analysis of low-energy electron streaming in the near-Earth neutral line region during a substorm, *Adv. Space Res.*, 37, 1382–1387, doi:10.1016/j.asr.2005.05.059, 2006.
4. Asano et al.: Formation of the thin current sheets in substorms and its relation to the magnetic reconnection, In Proc. 8th Int. Conf. Substorms, 7-11, 2006.
5. Baumjohann et al.: The magnetosphere of Mercury and its solar wind environment: Open issues and scientific questions, *Adv. Space Res.*, 38, 604-609, doi:10.1016/j.asr.2005.05.117, 2006.
6. Cao et al.: Joint observations by Cluster satellites of bursty bulk flows in the magnetotail, *J. Geophys. Res.*, 111, A04206, doi:10.1029/2005JA011322, 2006.
7. Carr et al.: The Double Star magnetic field investigation: Overview of instrument performance and initial results, *Adv. Space Res.*, 38, 1828-1833, doi:10.1016/j.asr.2006.01.008, 2006.
8. Deng et al.: Observations of electrostatic solitary waves associated with reconnection by Geotail and Cluster, *Adv. Space Res.*, 37, 1373–1381, doi:10.1016/j.asr.2005.05.129, 2006.
9. Engwall et al.: Low-energy (order 10eV) ion flow in the magnetotail lobes inferred from spacecraft wake observations, *Geophys. Res. Lett.*, 33, L06110, doi:10.1029/2005GL025179, 2006.
10. Erkaev et al.: Dissipation of Alfvén wave pulses propagating along dipole, *Adv. Space Res.*, 37, 576–580, doi:10.1016/j.asr.2005.09.002, 2006.
11. Golovchanskaya et al.: Ballooning instability at the plasma sheet-lobe interface and its implications for polar arc formation, *J. Geophys. Res.*, 111, A11216, doi:10.1029/2005JA011092, 2006.
12. Horbury et al.: Cross-Scale: A multispacecraft mission to study cross-scale coupling in space plasmas, *ESA SP*, 598, P7.5, 2006.
13. Imada, S.: Energetic Electron Region and its Acceleration Mechanism in the Magnetotail Reconnection, Doctoral Thesis, The University of Tokyo, 156, 2006.
14. Keika et al.: Contribution of charge exchange loss to the storm time ring current decay: IMAGE/HENA observations, *J. Geophys. Res.*, 111, A11512, doi:10.1029/2006JA011789, 2006.
15. Kiehas et al.: Determination of reconnection parameters based on the time-history of nightside flux transfer events, In: Proc. 6th Int. Conf. Problems of Geocosmos, Eds. Troyan, V.N., V.S. Semenov, M.V. Kubyshkina, St. Petersburg State University, St. Petersburg, Russia, 75-78, 2006.
16. Nakamura, R.: Substorms and their solar wind causes, *Space Sci. Rev.*, 124, 91-101, doi: 10.1007/s11214-006-9131-9, 2006.
17. Nakamura et al.: Fast flow, dipolarization, and substorm evolution: Cluster/Double Star multipoint observations, In: Proc. 8th Int. Conf. Substorms, Eds. Syrjäsu, M., E. Donovan, University of Calgary, Calgary, 197-202, 2006.
18. Nakamura et al.: Thin current sheets in the magnetotail observed by Cluster, *Space Sci. Rev.*, 122, 29-38, doi: 10.1007/s11214-006-6219-1, 2006.
19. Nakamura et al.: Tail reconnection and plasma sheet fast flows, *ESA SP*, 598, P9.1, 2006.
20. Nakamura et al.: Dynamics of thin current sheets associated with magnetotail reconnection, *J. Geophys. Res.*, 111, A11206, doi:10.1029/2006JA011706, 2006.
21. Owen et al.: Multi-point, multi-scale investigations of fundamental plasma processes in the Earth's magnetosphere, *ESA SP*, 588, 185-192, 2006.

22. Penz, T.: Reconstruction of reconnection: Theoretical considerations and application to Cluster data, *Planet. Space Sci.*, 54, 834-835, 2006.
23. Penz, T.: Reconstruction of reconnection: Theoretical considerations and application to Cluster data, Doctoral Thesis, KFU Graz, 142, 2006.
24. Penz et al.: Wave structures excited in compressible Petschek-type magnetic reconnection, In: *Physics of Auroral Phenomena*, Proc. XXIX Annual Seminar, Apatity, Kola Science Centre, Russian Academy of Science, Apatity, 57-60, 2006.
25. Penz et al.: A reconstruction method for the reconnection rate applied to Cluster magnetotail measurements, *Adv. Space Res.*, 37, 1388–1393, doi:10.1016/j.asr.2005.05.020, 2006.
26. Petrukovich et al.: Slipping deformation of the plasma sheet magnetic structure, In: *Physics of Auroral Phenomena*, Proc. XXIX Annual Seminar, Apatity, Kola Science Centre, Russian Academy of Science, Apatity, 108-111, 2006.
27. Petrukovich et al.: Oscillations of flux tube slippage in the quiet plasma sheet, *Ann. Geophys.*, 24, 1695-1704, 2006.
28. Runov et al.: Cluster observations during pseudo-breakups and substorms, In: *Proc. 8th Int. Conf. Substorms*, 269-274, 2006.
29. Runov et al.: Local structure of the magnetotail current sheet: 2001 Cluster observations, *Ann. Geophys.*, 2006.
30. Runov et al.: Multi-point study of the magnetotail current sheet, *Adv. Space Res.*, 38, 85-92; doi:10.1016/j.asr.2004.09.024, 2006.
31. Sergeev et al.: Cluster results on the magnetotail current sheet structure and dynamics, *ESA SP*, 598, P9.2, 2006.
32. Sergeev et al.: Survey of large-amplitude flapping motions in the midtail current sheet, *Ann. Geophys.*, 24, 2015-2024, 2006.
33. Sergeev et al.: Magnetic reconnection and current disruption in the inner magnetosphere - a case study, In: *Proc. 8th Int. Conf. Substorms*, Eds. Syrjäsu, M., E. Donovan, University of Calgary, Calgary, 275-278, 2006.
34. Shi et al.: Field aligned current observed by Cluster, *ESA SP*, 598, P4.16, 2006.
35. Sitnov et al.: Structure and dynamics of a new class of thin current sheets, *J. Geophys. Res.*, 111, A08204, doi:10.1029/2005JA011517, 2006.
36. Takada et al.: Alfvén waves in the near-PSBL lobe: Cluster observations, *Ann. Geophys.*, 24, 1001-1013, 2006.
37. Takada et al.: BBFs deceleration and its relationship to magnetospheric configuration: Cluster and Double Star TC1 observation, In: *Proc. 6th Int. Conf. Problems of Geocosmos*, Eds. Troyan, V.N., V.S. Semenov, M.V. Kubyshkina, St. Petersburg State University, St. Petersburg, Russia, 190-193, 2006.
38. Takada et al.: Do BBFs contribute to inner magnetosphere dipolarizations: Concurrent Cluster and Double Star observations, *Geophys. Res. Lett.*, 33, L21109, doi:10.1029/2006GL027440, 2006.
39. Treumann et al.: The role of the Hall effect in collisionless magnetic reconnection, *Adv. Space Res.*, 38, 101-111, doi:10.1016/j.asr.2004.11.045, 2006.
40. Volwerk, M.: Multi-Satellite Observations of ULF Waves, In: *Magnetospheric ULF Waves: Synthesis and New Directions*, Eds. Takahashi, K., P. Chi, R. Denton, R. Lysak, AGU, Washington, DC, USA, 109 - 135, 2006.
41. Volwerk et al.: Cluster measurements of ULF waves in the Earth's magnetotail, *ESA SP*, 598, P4.19, 2006.
42. Voronkov et al.: Features of magnetosphere-ionosphere coupling during breakups and substorm onsets inferred from multi-instrument alignment, In: *Proc. 8th Int. Conf. Substorms*, Eds. Syrjäsu, M., E. Donovan, University of Calgary, Calgary, 319-324, 2006.
43. Vörös et al.: Bursty bulk flow driven turbulence in the Earth's plasma sheet, *Space Sci. Rev.*, 122, 301-311, doi:10.1007/s11214-006-6987-7, 2006.
44. Yahnin et al.: Relationship between substorm auroras and processes in the near-earth magnetotail, *Space Sci. Rev.*, 122, 97-106, doi:10.1007/s11214-006-5884-4, 2006.
45. Yahnin et al.: Indirect mapping of the source of the oppositely directed fast plasma flows in the plasma sheet onto the auroral display, *Ann. Geophys.*, 24, 679–687, 2006.

46. Zhang, T.L. et al.: A statistical survey of the magnetotail current sheet, *Adv. Space Res.*, 38, 1834-1837, doi:10.1016/j.asr.2006.05.009, 2006.