

List of Refereed Publications
Wind Spacecraft: 2001

References

- [1] Aellig, M. R., A. J. Lazarus, and J. T. Steinberg (2001), The solar wind helium abundance: Variation with wind speed and the solar cycle, in *Joint SOHO/ACE workshop "Solar and Galactic Composition"*, *American Institute of Physics Conference Series*, vol. 598, edited by R. F. Wimmer-Schweingruber, pp. 89–94, doi:10.1063/1.1433984.
- [2] Anderson, B. J., L. J. Zanetti, D. H. Lohr, J. R. Hayes, M. H. Acuna, C. T. Russell, and T. Mulligan (2001), In-flight calibration of the NEAR magnetometer, *IEEE Trans. Geosci. Remote Sens.*, *39*, 907–917, doi:10.1109/36.921408.
- [3] Anderson, R. R., H. Matsumoto, K. Hashimoto, H. Kojima, I. Nagano, Y. Kasaba, M. L. Kaiser, J.-L. Bougeret, and J.-L. Steinberg (2001), Using Geotail, Wind and Polar Observations of Solar, Interplanetary and Terrestrial Plasma Wave and Radio Emissions to Identify Source Characteristics, in *Planetary Radio Emissions V*, edited by H. O. Rucker, M. L. Kaiser, & Y. Leblanc, pp. 297–+.
- [4] André, M., R. Behlke, J.-E. Wahlund, A. Vaivads, A.-I. Eriksson, A. Tjulin, T. D. Carozzi, C. Cully, G. Gustafsson, D. Sundkvist, Y. Khotyaintsev, N. Cornilleau-Wehrin, L. Rezeau, M. Maksimovic, E. Lucek, A. Balogh, M. Dunlop, P.-A. Lindqvist, F. Mozer, A. Pedersen, and A. Fazakerley (2001), Multi-spacecraft observations of broadband waves near the lower hybrid frequency at the Earthward edge of the magnetopause, *Ann. Geophys.*, *19*, 1471–1481, doi:10.5194/angeo-19-1471-2001.
- [5] Andrews, M. D. (2001), Lasco and eit Observations of the Bastille day 2000 Solar Storm, *Solar Phys.*, *204*, 179–196, doi:10.1023/A:1014215923912.
- [6] Aslamazashvili, R. G., M. A. Despotashvili, M. E. Katz, and N. A. Nachkebia (2001), Cosmic Ray Fluctuations in the Interplanetary Magnetic Field, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 9, pp. 3733–+.
- [7] Baker, D. N., N. E. Turner, and T. I. Pulkkinen (2001), Energy transport and dissipation in the magnetosphere during geomagnetic storms, *J. Atmos. Solar-Terr. Phys.*, *63*, 421–429, doi:10.1016/S1364-6826(00)00169-3.
- [8] Ballatore, P., J. P. Villain, N. Vilmer, and M. Pick (2001), The influence of the interplanetary medium on SuperDARN radar scattering occurrence, *Ann. Geophys.*, *18*, 1576–1583, doi:10.1007/s00585-001-1576-2.
- [9] Barrow, C. H., A. Lecacheux, R. J. MacDowall, and M. L. Kaiser (2001), The Jovian HOM and bKOM radio emissions observed by Wind//WAVES and by Ulysses//URAP, *Planet. Space Sci.*, *49*, 377–384, doi:10.1016/S0032-0633(00)00158-6.
- [10] Bastian, T. S., M. Pick, A. Kerdraon, D. Maia, and A. Vourlidas (2001), The Coronal Mass Ejection of 1998 April 20: Direct Imaging at Radio Wavelengths, *Astrophys. J.*, *558*, L65–L69, doi:10.1086/323421.
- [11] Birch, P. C., and S. C. Chapman (2001), Detailed structure and dynamics in particle-in-cell simulations of the lunar wake, *Phys. Plasmas*, *8*, 4551–4559, doi:10.1063/1.1398570.

List of Refereed Publications
Wind Spacecraft: 2001

- [12] Blanco, J. J., J. Rodriguez-Pacheco, E. Bronchalo, C. Cid, M. A. Hidalgo, and J. Sequeiros (2001), A simple method for determining the local inclination of the Interplanetary Current Sheet, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 9, pp. 3585–+.
- [13] Bond, P. (2001), From Mars to M81, *Astron. & Geophys.*, *42*, 050,000–+, doi:10.1046/j.1468-4004.2001.42509.x.
- [14] Boonsiriseth, A., R. M. Thorne, G. Lu, V. K. Jordanova, M. F. Thomsen, D. M. Ober, and A. J. Ridley (2001), A semiempirical equatorial mapping of AMIE convection electric potentials (MACEP) for the January 10, 1997, magnetic storm, *J. Geophys. Res.*, *106*, 12,903–12,918, doi:10.1029/1999JA000332.
- [15] Boudjada, M. Y., P. H. M. Galopeau, and H. O. Rucker (2001), Jovian hectometric beam observed by PWS and WAVES experiments on board Galileo and Wind spacecraft, *Planet. Space Sci.*, *49*, 1151–1158, doi:10.1016/S0032-0633(01)00022-8.
- [16] Boudjada, M. Y., P. H. M. Galopeau, and H. O. Rucker (2001), Spectral Features of Jovian Hectometric Emission Observed by Galileo and Wind Spacecraft, in *Planetary Radio Emissions V*, edited by H. O. Rucker, M. L. Kaiser, & Y. Leblanc, pp. 147–+.
- [17] Bristow, W. A., A. Otto, and D. Lummerzheim (2001), Substorm convection patterns observed by the Super Dual Auroral Radar Network, *J. Geophys. Res.*, *106*, 24,593–24,610, doi:10.1029/2001JA000117.
- [18] Burlaga, L. F. (2001), A transitory corotating stream, a short-lived coronal hole, and related magnetic fields, *J. Geophys. Res.*, *106*, 24,915–24,922, doi:10.1029/2001JA000043.
- [19] Burlaga, L. F., N. F. Ness, J. D. Richardson, and R. P. Lepping (2001), The Bastille day Shock and Merged Interaction Region at 63 au: Voyager 2 Observations, *Solar Phys.*, *204*, 399–411, doi:10.1023/A:1014269926730.
- [20] Cane, H. V., I. G. Richardson, G. Wibberenz, V. M. Dvornikov, and V. E. Sdobnov (2001), Cosmic Ray Evidence for Magnetic Field Line Disconnection Inside Interplanetary Coronal Mass Ejections, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 9, pp. 3531–+.
- [21] Caroubalos, C., D. Maroulis, N. Patavalis, J.-L. Bougeret, G. Dumas, C. Perche, C. Alisandrakis, A. Hillaris, X. Moussas, P. Preka-Papadema, A. Kontogeorgos, P. Tsitsipis, and G. Kanelakis (2001), The New Multichannel Radiospectrograph ARTEMIS-IV/HECATE, of the University of Athens, *Exper. Astron.*, *11*, 23–32.
- [22] Castro-Tirado, A. J., V. V. Sokolov, J. Gorosabel, J. M. Castro Cerón, J. Greiner, R. A. M. J. Wijers, B. L. Jensen, J. Hjorth, S. Toft, H. Pedersen, E. Palazzi, E. Pian, N. Masetti, R. Sagar, V. Mohan, A. K. Pandey, S. B. Pandey, S. N. Dodonov, T. A. Fatkhullin, V. L. Afanasiev, V. N. Komarova, A. V. Moiseev, R. Hudec, V. Simon, P. Vreeswijk, E. Rol, S. Klose, B. Stecklum, M. R. Zapatero-Osorio, N. Caon, C. Blake, J. Wall, D. Heinlein, A. Henden, S. Benetti, A. Magazzù, F. Ghinassi, L. Tommasi,

List of Refereed Publications
Wind Spacecraft: 2001

- M. Bremer, C. Kouveliotou, S. Guziy, A. Shlyapnikov, U. Hopp, G. Feulner, S. Dreizler, D. Hartmann, H. Boehnhardt, J. M. Paredes, J. Martí, E. Xanthopoulos, H. E. Kristen, J. Smoker, and K. Hurley (2001), The extraordinarily bright optical afterglow of GRB 991208 and its host galaxy, *Astron. & Astrophys.*, *370*, 398–406, doi:10.1051/0004-6361:20010247.
- [23] Chang, S.-W., J. D. Scudder, K. Kudela, H. E. Spence, J. F. Fennell, R. P. Lepping, R. P. Lin, and C. T. Russell (2001), MeV magnetosheath ions energized at the bow shock, *J. Geophys. Res.*, *106*, 19,101–19,116, doi:10.1029/2000JA003037.
- [24] Chapman, S., and N. Watkins (2001), Avalanching and Self-Organised Criticality, a paradigm for geomagnetic activity?, *Space Sci. Rev.*, *95*, 293–307.
- [25] Chen, J., and T. A. Fritz (2001), Features of energetic ions near the compressed magnetosphere, *J. Atmos. Solar-Terr. Phys.*, *63*, 463–472, doi:10.1016/S1364-6826(00)00173-5.
- [26] Chen, J., T. A. Fritz, R. B. Sheldon, J. S. Pickett, and C. T. Russell (2001), The discovery of a new acceleration and possible trapping region of the magnetosphere, *Adv. Space Res.*, *27*, 1417–1422, doi:10.1016/S0273-1177(01)00032-1.
- [27] Chugunov, Y. V., A. Y. Kazarova, E. A. Mareev, M. Moncuquet, K. Issautier, and N. Meyer-Vernet (2001), Quasi-thermal Noise Spectra Measured by a Dipole Antenna in the Upper Hybrid frequency band, *Astrophys. Space Sci.*, *277*, 313–316, doi:10.1023/A:1012285814221.
- [28] Cid, C., M. A. Hidalgo, J. Sequeiros, J. Rodríguez-pacheco, and E. Bronchalo (2001), Evidence of Magnetic Flux Ropes in the Solar Wind From Sigmoidal and non-Sigmoidal Active Regions, *Solar Phys.*, *198*, 169–177.
- [29] Cline, T. L., K. C. Hurley, S. Barthelmy, P. Butterworth, M. Feroci, F. Frontera, S. Golenetskii, E. Mazets, and J. Trombka (2001), The IPN I: From the Past to the Future, in *Gamma-ray Bursts in the Afterglow Era*, edited by E. Costa, F. Frontera, & J. Hjorth, pp. 375–+, doi:10.1007/10853853_102.
- [30] Collier, M. R., A. Szabo, W. M. Farrell, J. A. Slavin, R. P. Lepping, R. Fitzenreiter, B. Thompson, D. C. Hamilton, G. Gloeckler, G. C. Ho, P. Bochsler, D. Larson, and L. Ofman (2001), Reconnection remnants in the magnetic cloud of October 18–19, 1995: A shock, monochromatic wave, heat flux dropout, and energetic ion beam, *J. Geophys. Res.*, *106*, 15,985–16,000, doi:10.1029/2000JA000101.
- [31] Collier, M. R., T. E. Moore, K. W. Ogilvie, D. Chornay, J. W. Keller, S. Boardsen, J. Burch, B. El Marji, M.-C. Fok, S. A. Fuselier, A. G. Ghielmetti, B. L. Giles, D. C. Hamilton, B. L. Peko, J. M. Quinn, E. C. Roelof, T. M. Stephen, G. R. Wilson, and P. Wurz (2001), Observations of neutral atoms from the solar wind, *J. Geophys. Res.*, *106*, 24,893–24,906, doi:10.1029/2000JA000382.
- [32] Coplan, M. A., F. Ipavich, J. King, K. W. Ogilvie, D. A. Roberts, and A. J. Lazarus (2001), Correlation of solar wind parameters between SOHO and Wind, *J. Geophys. Res.*, *106*, 18,615–18,624, doi:10.1029/2000JA000459.

List of Refereed Publications
Wind Spacecraft: 2001

- [33] Cummer, S. A., M. J. Reiner, B. W. Reinisch, M. L. Kaiser, J. L. Green, R. F. Benson, R. Manning, and K. Goetz (2001), A test of magnetospheric radio tomographic imaging with IMAGE and WIND, *Geophys. Res. Lett.*, *28*, 1131–1134, doi:10.1029/2000GL012683.
- [34] Dasso, S., C. J. Farrugia, F. T. Gratton, R. P. Lepping, K. W. Ogilvie, and R. J. Fitzenreiter (2001), Waves in the proton cyclotron frequency range in the CME observed by wind on August 7-8, 1996: theory and data, *Adv. Space Res.*, *28*, 747–752, doi:10.1016/S0273-1177(01)00526-9.
- [35] Diallo, N., S. Shaw, A. J. Dean, C. Ferguson, C. Perfect, and G. Weidenspointner (2001), GGOD software used for modelling background lines in gamma-ray telescopes, in *Exploring the Gamma-Ray Universe, ESA Special Publication*, vol. 459, edited by A. Gimenez, V. Reglero, & C. Winkler, pp. 561–564.
- [36] Dietrich, W. F., and A. J. Tylka (2001), Solar energetic particle time-to-maximum studies with Wind and ACE, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3173–+.
- [37] Droege, W. (2001), Can we predict Transport Coefficients of Heliospheric Particles from Solar Wind Observations?, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3285–+.
- [38] Dryer, M., C. D. Fry, W. Sun, C. Deehr, Z. Smith, S.-I. Akasofu, and M. D. Andrews (2001), Prediction in Real Time of the 2000 July 14 Heliospheric Shock Wave and its Companions During the ‘Bastille’ Epoch*, *Solar Phys.*, *204*, 265–284, doi:10.1023/A:1014200719867.
- [39] Dulk, G. A., W. C. Erickson, R. Manning, and J.-L. Bougeret (2001), Calibration of low-frequency radio telescopes using the galactic background radiation, *Astron. & Astrophys.*, *365*, 294–300, doi:10.1051/0004-6361:20000006.
- [40] Dunlop, M. W., A. Balogh, P. Cargill, R. C. Elphic, K.-H. Fornacon, E. Georgescu, F. Sedgemore-Schulthess, and The Fgm Team (2001), Cluster observes the Earth’s magnetopause: coordinated four-point magnetic field measurements, *Ann. Geophys.*, *19*, 1449–1460, doi:10.5194/angeo-19-1449-2001.
- [41] Eiges, P. E., G. N. Zastenker, J. Safrankova, Z. Nemecek, and N. A. Eismont (2001), Statistical Approach to the Evaluation of the Mean Correlation Length and the Propagation Velocity of Middle-Scale Plasma Structures in the Earth’s Foreshock, *Cosmic Res.*, *39*, 432–438.
- [42] Eriksson, S., L. G. Blomberg, N. Ivchenko, T. Karlsson, and G. T. Marklund (2001), Magnetospheric response to the solar wind as indicated by the cross-polar potential drop and the low-latitude asymmetric disturbance field, *Ann. Geophys.*, *19*, 649–653, doi:10.5194/angeo-19-649-2001.
- [43] Erkaev, N. V., H. K. Biernat, D. F. Vogl, and C. J. Farrugia (2001), MHD modelling of the magnetosheath with anisotropic plasma pressure, *Adv. Space Res.*, *28*, 873–877, doi:10.1016/S0273-1177(01)00522-1.

List of Refereed Publications
Wind Spacecraft: 2001

- [44] Fairfield, D. H., I. H. Cairns, M. D. Desch, A. Szabo, A. J. Lazarus, and M. R. Aellig (2001), The location of low Mach number bow shocks at Earth, *J. Geophys. Res.*, *106*, 25,361–25,376, doi:10.1029/2000JA000252.
- [45] Farrugia, C. J., F. T. Gratton, and R. B. Torbert (2001), Viscous-type processes in the solar wind-magnetosphere interaction, *Space Res. Rev.*, *95*, 443–456.
- [46] Farrugia, C. J., S. Mühlbachler, H. K. Biernat, and R. B. Torbert (2001), Dayside erosion during intervals of tenuous solar wind, *J. Geophys. Res.*, *106*, 25,517–25,528, doi:10.1029/2001JA000087.
- [47] Farrugia, C. J., N. V. Erkaev, D. F. Vogl, H. K. Biernat, M. Oieroset, R. P. Lin, and R. P. Lepping (2001), Anisotropic magnetosheath: Comparison of theory with Wind observations near the stagnation streamline, *J. Geophys. Res.*, *106*, 29,373–29,386, doi:10.1029/2001JA000034.
- [48] Farrugia, C. J., B. Vasquez, I. G. Richardson, R. B. Torbert, L. F. Burlaga, H. K. Biernat, S. Mühlbachler, K. W. Ogilvie, R. P. Lepping, J. D. Scudder, D. E. Berdichevsky, V. S. Semenov, I. V. Kubyshkin, T.-D. Phan, and R. P. Lin (2001), A reconnection layer associated with a magnetic cloud, *Adv. Space Res.*, *28*, 759–764, doi:10.1016/S0273-1177(01)00529-4.
- [49] Fillingim, M. O., G. K. Parks, L. J. Chen, M. McCarthy, J. F. Spann, and R. P. Lin (2001), Comparison of plasma sheet dynamics during pseudobreakups and expansive aurorae, *Phys. Plasmas*, *8*, 1127–1132, doi:10.1063/1.1355679.
- [50] Fuselier, S. A., A. G. Ghielmetti, T. E. Moore, M. R. Collier, J. M. Quinn, G. R. Wilson, P. Wurz, S. B. Mende, H. U. Frey, C. Jamar, J.-C. Gerard, and J. L. Burch (2001), Ion outflow observed by IMAGE: Implications for source regions and heating mechanisms, *Geophys. Res. Lett.*, *28*, 1163–1166, doi:10.1029/2000GL012450.
- [51] Galvin, A. B. (2001), Solar Wind and Heliospheric Compositional Variations, in *Recent Insights into the Physics of the Sun and Heliosphere: Highlights from SOHO and Other Space Missions*, *IAU Symposium*, vol. 203, edited by P. Brekke, B. Fleck, & J. B. Gurman, pp. 533–+.
- [52] Gibson, S. E. (2001), Global Solar Wind Structure from Solar Minimum to Solar Maximum: Sources and Evolution, *Space Sci. Rev.*, *97*, 69–79, doi:10.1023/A:1011869926351.
- [53] Gomez-Herrero, R., L. del Peral, M. D. Rodriguez-Frias, J. Sequeiros, R. Mueller-Mellin, and H. Kunow (2001), Temporal Profiles of SEP events, in *International Cosmic Ray Conference*, *International Cosmic Ray Conference*, vol. 8, pp. 3169–+.
- [54] Gopalswamy, N. (2001), Introduction to special section: Global picture of solar eruptive events, *J. Geophys. Res.*, *106*, 25,135–25,140, doi:10.1029/2001JA000071.
- [55] Gopalswamy, N., S. Yashiro, M. L. Kaiser, R. A. Howard, and J.-L. Bougeret (2001), Radio Signatures of Coronal Mass Ejection Interaction: Coronal Mass Ejection Cannibalism?, *Astrophys. J.*, *548*, L91–L94, doi:10.1086/318939.

List of Refereed Publications
Wind Spacecraft: 2001

- [56] Gopalswamy, N., A. Lara, M. L. Kaiser, and J.-L. Bougeret (2001), Near-Sun and near-Earth manifestations of solar eruptions, *J. Geophys. Res.*, *106*, 25,261–25,278, doi:10.1029/2000JA004025.
- [57] Green, J. C., and M. G. Kivelson (2001), A tale of two theories: How the adiabatic response and ULF waves affect relativistic electrons, *J. Geophys. Res.*, *106*, 25,777–25,792, doi:10.1029/2001JA000054.
- [58] Harris, M. J., D. M. Palmer, G. Weidenspointner, H. Seifert, B. J. Teegarden, T. L. Cline, N. Gehrels, and R. Ramaty (2001), TGRS and the 478 keV line from ^7Be in novae, in *Gamma 2001: Gamma-Ray Astrophysics, American Institute of Physics Conference Series*, vol. 587, edited by S. Ritz, N. Gehrels, & C. R. Shrader, pp. 513–517, doi:10.1063/1.1419455.
- [59] Harris, M. J., B. J. Teegarden, G. Weidenspointner, D. M. Palmer, T. L. Cline, N. Gehrels, and R. Ramaty (2001), Transient Gamma-Ray Spectrometer Observations of Gamma-Ray Lines from Novae. III. The 478 keV Line from ^7Be Decay, *Astrophys. J.*, *563*, 950–957, doi:10.1086/323951.
- [60] Hasebe, N., T. Doke, T. Hayashi, J. Kikuchii, M. Kobayashi, H. Shirai, N. Takenaka, T. Takashima, B. Wilken, and Q. Zong (2001), The Ion Composition in Solar Energetic Particle Events Observed in 1993–1995, *J. Phys. Soc. Japan*, *70*, 3167–+, doi:10.1143/JPSJ.70.3167.
- [61] Hawkins, S. E., III, R. E. Gold, M. Pick, and D. Maia (2001), Origins of Anisotropic 40–300 keV Electron Events Observed at Low and High Latitudes, *Space Sci. Rev.*, *97*, 285–288, doi:10.1023/A:1011833202186.
- [62] Hernanz, M., J. Gómez-Gomar, and J. José (2001), Gamma-ray signatures of classical novae, in *Gamma 2001: Gamma-Ray Astrophysics, American Institute of Physics Conference Series*, vol. 587, edited by S. Ritz, N. Gehrels, & C. R. Shrader, pp. 498–507, doi:10.1063/1.1419453.
- [63] Hofer, M. Y., R. G. Marsden, T. R. Sanderson, and C. Tranquille (2001), Energetic particle composition measurements at high heliographic latitudes around the solar activity maximum, in *Joint SOHO/ACE workshop "Solar and Galactic Composition"*, *American Institute of Physics Conference Series*, vol. 598, edited by R. F. Wimmer-Schweingruber, pp. 189–193, doi:10.1063/1.1433999.
- [64] Horbury, T. S., D. Burgess, M. Fränz, and C. J. Owen (2001), Three spacecraft observations of solar wind discontinuities, *Geophys. Res. Lett.*, *28*, 677–680, doi:10.1029/2000GL000121.
- [65] Horbury, T. S., D. Burgess, M. Fränz, and C. J. Owen (2001), Prediction of Earth arrival times of interplanetary southward magnetic field turnings, *J. Geophys. Res.*, *106*, 30,001–30,010, doi:10.1029/2000JA002232.

List of Refereed Publications
Wind Spacecraft: 2001

- [66] Hu, Q. (2001), Reconstruction of two-dimensional coherent structures in space plasmas from spacecraft data, Ph.D. thesis, DARTMOUTH COLLEGE.
- [67] Hu, Q., and B. U. Ö. Sonnerup (2001), Reconstruction of magnetic flux ropes in the solar wind, *Geophys. Res. Lett.*, *28*, 467–470, doi:10.1029/2000GL012232.
- [68] Huang, C.-S., G. J. Sofko, A. V. Koustov, J. W. MacDougall, R. A. Greenwald, J. M. Ruohoniemi, J. P. Villain, M. Lester, J. Watermann, V. O. Papitashvili, and W. J. Hughes (2001), Long-period magnetospheric-ionospheric perturbations during northward interplanetary magnetic field, *J. Geophys. Res.*, *106*, 13,091–13,104, doi:10.1029/2000JA900192.
- [69] Hull, A. J., J. D. Scudder, D. E. Larson, and R. Lin (2001), Electron heating and phase space signatures at supercritical, fast mode shocks, *J. Geophys. Res.*, *106*, 15,711–15,734, doi:10.1029/2001JA900001.
- [70] Ipavich, F. M., J. A. Paquette, P. Bochsler, S. E. Lasley, and P. Wurz (2001), Solar wind iron isotopic abundances: Results from SOHO/CELIAS/MTOF, in *Joint SOHO/ACE workshop "Solar and Galactic Composition"*, American Institute of Physics Conference Series, vol. 598, edited by R. F. Wimmer-Schweingruber, pp. 121–126, doi:10.1063/1.1433989.
- [71] Jakowski, N., S. Heise, A. Wehrenpfennig, and S. Schluter (2001), TEC monitoring by GPS - a possible contribution to space weather monitoring, *Phys. Chem. Earth C*, *26*, 609–613, doi:10.1016/S1464-1917(01)00056-3.
- [72] Johnson, J. R., C. Z. Cheng, and P. Song (2001), Signatures of Mode Conversion and Kinetic Alfvén Waves at the Magnetopause, *Geophys. Res. Lett.*, *28*, 227–230, doi:10.1029/2000GL012048.
- [73] Jordanova, V. K., C. J. Farrugia, R. M. Thorne, G. V. Khazanov, G. D. Reeves, and M. F. Thomsen (2001), Modeling ring current proton precipitation by electromagnetic ion cyclotron waves during the May 14-16, 1997, storm, *J. Geophys. Res.*, *106*, 7–22, doi:10.1029/2000JA002008.
- [74] Jordanova, V. K., C. J. Farrugia, J. F. Fennell, and J. D. Scudder (2001), Ground disturbances of the ring, magnetopause, and tail currents on the day the solar wind almost disappeared, *J. Geophys. Res.*, *106*, 25,529–25,540, doi:10.1029/2000JA000251.
- [75] Jordanova, V. K., L. M. Kistler, C. J. Farrugia, and R. B. Torbert (2001), Effects of inner magnetospheric convection on ring current dynamics: March 10-12, 1998, *J. Geophys. Res.*, *106*, 29,705–29,720, doi:10.1029/2001JA000047.
- [76] Kahler, S., D. Reames, and N. Sheeley, Jr. (2001), A CME associated with an impulsive SEP event, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3443–+.

List of Refereed Publications
Wind Spacecraft: 2001

- [77] Kahler, S. W., D. V. Reames, and N. R. Sheeley, Jr. (2001), Coronal Mass Ejections Associated with Impulsive Solar Energetic Particle Events, *Astrophys. J.*, 562, 558–565, doi:10.1086/323847.
- [78] Kallenbach, R. (2001), Isotopic composition measured in-situ in different solar wind regimes by CELIAS/MTOF on board SOHO, in *Joint SOHO/ACE workshop "Solar and Galactic Composition"*, *American Institute of Physics Conference Series*, vol. 598, edited by R. F. Wimmer-Schweingruber, pp. 113–119, doi:10.1063/1.1433988.
- [79] Kellogg, P. J., and S. D. Bale (2001), Antenna-plasma and antenna-spacecraft resistance on the Wind spacecraft, *J. Geophys. Res.*, 106, 18,721–18,728, doi:10.1029/2001JA900051.
- [80] Kessel, R. L. (2001), Ulf Waves and the Importance of Pc5 during High Speed Solar Wind Streams, in *Sheffield Space Plasma Meeting: Multipoint Measurements versus Theory*, *ESA Special Publication*, vol. 492, edited by B. Warmbein, pp. 99–+.
- [81] Kim, K.-H., N. Lin, C. A. Cattell, Y. Song, J. R. Wygant, D.-H. Lee, H. Kawano, S. Kokubun, T. Mukai, and K. Tsuruda (2001), Pulsed boundary layers observed during a Geotail magnetopause skimming orbit, *J. Geophys. Res.*, 106, 1917–1930, doi:10.1029/2000JA000308.
- [82] Kirsch, E., U. Mall, B. Wilken, and A. B. Galvin (2001), Suprathermal proton and alpha-particle spikes ($E/e = 6.5\text{--}225$ keV/e) observed by the WIND-SMS experiment near the libration point L1, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 9, pp. 3596–+.
- [83] Klecker, B., A. T. Bogdanov, M. Hilchenbach, A. T. Galvin, E. Moebius, F. M. Ipavich, and P. Bochsler (2001), On the variability of suprathermal He⁺ ions at 1 AU, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3100–+.
- [84] Krasnosselskikh, V., J.-L. Pinçon, F. Lefeuve, H. C. Seran, F. Szeremeta, and H. S. C. Alleyne (2001), Measurements of the magnetic field fluctuations in the Solar Orbiter project, in *Solar encounter. Proceedings of the First Solar Orbiter Workshop*, *ESA Special Publication*, vol. 493, edited by B. Battrock, H. Sawaya-Lacoste, E. Marsch, V. Martinez Pillet, B. Fleck, & R. Marsden, pp. 261–264.
- [85] Krucker, S., S. D. Bale, and R. P. Lin (2001), Solar Impulsive Electron Events with Unusual Velocity Dispersions, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3235–+.
- [86] Kucharek, H., B. Klecker, F. M. Ipavich, R. Kallenbach, H. Grüwaldt, M. R. Aellig, and P. Bochsler (2001), Isotopic Fractionation in Slow and Coronal Hole Associated Solar Wind, in *Recent Insights into the Physics of the Sun and Heliosphere: Highlights from SOHO and Other Space Missions*, *IAU Symposium*, vol. 203, edited by P. Brekke, B. Fleck, & J. B. Gurman, pp. 562–+.

List of Refereed Publications
Wind Spacecraft: 2001

- [87] Lazarus, A. J. (2001), Scientific Analysis of Data for the ISTP/SOLARMAX Programs, *NASA STI/Recon. Tech. Rep. N*, 26, 68,997–+.
- [88] Le, G., J. Raeder, C. T. Russell, G. Lu, S. M. Petrinec, and F. S. Mozer (2001), Polar cusp and vicinity under strongly northward interplanetary magnetic field on April 11, 1997: Observations and MHD simulations, *J. Geophys. Res.*, 106, 21,083–21,094, doi:10.1029/2000JA900091.
- [89] Leblanc, Y., G. A. Dulk, A. Vourlidas, and J.-L. Bougeret (2001), Tracing shock waves from the corona to 1 AU: Type II radio emission and relationship with CMEs, *J. Geophys. Res.*, 106, 25,301–25,312, doi:10.1029/2000JA000260.
- [90] Lee, D.-Y., and K. W. Min (2001), Multispacecraft and ground observations of magnetospheric and ionospheric responses to continuous energy input from the solar wind, *J. Geophys. Res.*, 106, 3929–3942, doi:10.1029/2000JA000155.
- [91] Lee, D.-Y., J. H. Seon, K. W. Min, and S. H. Bae (2001), Geotail spacecraft observations of plasma flow rotations at magnetic field dipolarization in near-tail during substorm expansion, *J. Atmos. Solar-Terr. Phys.*, 63, 1739–1752, doi:10.1016/S1364-6826(01)00050-5.
- [92] Lepping, R. P., D. B. Berdichevsky, L. F. Burlaga, A. J. Lazarus, J. Kasper, M. D. Desch, C.-C. Wu, D. V. Reames, H. J. Singer, C. W. Smith, and K. L. Ackerson (2001), The Bastille day Magnetic Clouds and Upstream Shocks: Near-Earth Interplanetary Observations, *Solar Phys.*, 204, 285–303, doi:10.1023/A:1014264327855.
- [93] Lester, M., S. E. Milan, V. Bester, and R. Smith (2001), A case study of HR radar spectra and 630.0 nm auroral emission in the pre-midnight sector, *Ann. Geophys.*, 19, 327–339, doi:10.5194/angeo-19-327-2001.
- [94] Li, X., and M. A. Temerin (2001), The Electron Radiation Belt, *Space Sci. Rev.*, 95, 569–580.
- [95] Li, X., M. Temerin, D. N. Baker, G. D. Reeves, and D. Larson (2001), Quantitative prediction of radiation belt electrons at geostationary orbit based on solar wind measurements, *Geophys. Res. Lett.*, 28, 1887–1890, doi:10.1029/2000GL012681.
- [96] Liemohn, M. W., J. U. Kozyra, M. F. Thomsen, J. L. Roeder, G. Lu, J. E. Borovsky, and T. E. Cayton (2001), Dominant role of the asymmetric ring current in producing the stormtime Dst*, *J. Geophys. Res.*, 106, 10,883–10,904, doi:10.1029/2000JA000326.
- [97] Liou, K., P. T. Newell, D. G. Sibeck, C.-I. Meng, M. Brittnacher, and G. Parks (2001), Observation of IMF and seasonal effects in the location of auroral substorm onset, *J. Geophys. Res.*, 106, 5799–5810, doi:10.1029/2000JA003001.
- [98] Lisse, C. M., D. J. Christian, K. Dennerl, K. J. Meech, R. Petre, H. A. Weaver, and S. J. Wolk (2001), Charge Exchange-Induced X-Ray Emission from Comet C/1999 S4 (LINEAR), *Science*, 292, 1343–1348, doi:10.1126/science.292.5520.1343.

List of Refereed Publications
Wind Spacecraft: 2001

- [99] Luo, Y., A. H. Manson, C. E. Meek, K. Igarashi, and C. Jacobi (2001), Extra long period (20-40 day) oscillations in the mesospheric and lower thermospheric winds: observations in Canada, Europe and Japan, and considerations of possible solar influences, *J. Atmos. Solar-Terr. Phys.*, *63*, 835–852, doi:10.1016/S1364-6826(00)00206-6.
- [100] Lyons, L. R., R. L. McPherron, E. Zesta, G. D. Reeves, J. B. Sigwarth, and L. A. Frank (2001), Timing of substorm signatures during the November 24, 1996, Geospace Environment Modeling event, *J. Geophys. Res.*, *106*, 349–360, doi:10.1029/1999JA000601.
- [101] Lyons, L. R., J. M. Ruohoniemi, and G. Lu (2001), Substorm-associated changes in large-scale convection during the November 24, 1996 Geospace Environment Modeling event, *J. Geophys. Res.*, *106*, 397–406, doi:10.1029/1999JA000602.
- [102] Maia, D., M. Pick, S. E. Hawkins, III, and S. Krucker (2001), Solar Origin of a Series of Well-collimated Electron Events, *Astrophys. J.*, *560*, 1058–1064, doi:10.1086/322337.
- [103] Maia, D., M. Pick, S. E. Hawkins, III, V. V. Fomichev, and K. Jiříčka (2001), 14 July 2000, a near-global coronal event and its association with energetic electron events detected in the interplanetary medium, *Solar Phys.*, *204*, 197–212, doi:10.1023/A:1014225507672.
- [104] Malandraki, O. E., E. T. Sarris, L. J. Lanzerotti, C. G. MacLennan, M. Pick, and G. Tsiropoula (2001), Tracing the magnetic topology of coronal mass ejection events by Ulysses/HI-SCALE energetic particle observations in and out of the ecliptic, *Space Sci. Rev.*, *97*, 263–268, doi:10.1023/A:1011820832228.
- [105] Mandell, M., I. Katz, J. M. Hilton, D. L. Cooke, and J. Minor (2001), NASCAP-2K Spacecraft Charging Models: Algorithms and Applications, in *Spacecraft Charging Technology*, *ESA Special Publication*, vol. 476, edited by R. A. Harris, pp. 499–+.
- [106] Mangeney, A. (2001), Intermittency in the Solar Wind Turbulence and the Haar Wavelet Transform, in *Sheffield Space Plasma Meeting: Multipoint Measurements versus Theory*, *ESA Special Publication*, vol. 492, edited by B. Warmbein, pp. 53–+.
- [107] Manning, R., and G. A. Dulk (2001), The Galactic background radiation from 0.2 to 13.8 MHz, *Astron. & Astrophys.*, *372*, 663–666, doi:10.1051/0004-6361:20010516.
- [108] Marcucci, M. F., M. B. Bavassano Cattaneo, A. M. di Lellis, P. Cerulli Irelli, L. M. Kistler, T.-D. Phan, and G. Haerendel (2001), IMF- B_y controlled reconnection at the magnetopause, *Mem. Soc. Astron. Ital.*, *72*, 614–617.
- [109] Mason, G. M. (2001), Heliospheric Lessons for Galactic Cosmic-ray Acceleration, *Space Sci. Rev.*, *99*, 119–133.
- [110] Mazets, E. P., R. L. Aptekar, P. S. Butterworth, T. L. Cline, D. D. Frederiks, S. V. Golenetskii, V. N. Il’Inskii, and V. D. Pal’Shin (2001), On the Fast Spectral Variability of GRBs, in *Gamma-ray Bursts in the Afterglow Era*, edited by E. Costa, F. Frontera, & J. Hjorth, pp. 9–+, doi:10.1007/10853853_2.

List of Refereed Publications
Wind Spacecraft: 2001

- [111] McDonald, F., A. Cummings, N. Lal, R. McGuire, and E. Stone (2001), Cosmic Rays in the Heliosphere over the Solar Minimum of Cycle 22, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 9, pp. 3830–+.
- [112] McWilliams, K. A., T. K. Yeoman, and S. W. H. Cowley (2001), Two-dimensional electric field measurements in the ionospheric footprint of a flux transfer event, *Ann. Geophys.*, *18*, 1584–1598, doi:10.1007/s00585-001-1584-2.
- [113] McWilliams, K. A., T. K. Yeoman, J. B. Sigwarth, L. A. Frank, and M. Brittnacher (2001), The dayside ultraviolet aurora and convection responses to a southward turning of the interplanetary magnetic field, *Ann. Geophys.*, *19*, 707–721, doi:10.5194/angeo-19-707-2001.
- [114] Meyer-Vernet, N. (2001), Detecting Dust with Electric Sensors in Planetary Rings, Comets and Interplanetary Space, in *Spacecraft Charging Technology, ESA Special Publication*, vol. 476, edited by R. A. Harris, pp. 635–+.
- [115] Meziane, K., C. Mazelle, R. P. Lin, D. Le Quéau, D. E. Larson, G. K. Parks, and R. P. Lepping (2001), Three-dimensional observations of gyrating ion distributions far upstream from the Earth’s bow shock and their association with low-frequency waves, *J. Geophys. Res.*, *106*, 5731–5742, doi:10.1029/2000JA900079.
- [116] Milan, S. E., M. Lester, J. R. Dudeney, R. A. Greenwald, G. Sofko, J. P. Villain, and R. P. Lepping (2001), The excitation of convection in the cusp region as observed by the SuperDARN radars, *Adv. Space Res.*, *27*, 1373–1376, doi:10.1016/S0273-1177(01)00028-X.
- [117] Moen, J., H. C. Carlson, S. E. Milan, N. Shumilov, B. Lybekk, P. E. Sandholt, and M. Lester (2001), On the collocation between dayside auroral activity and coherent HF radar backscatter, *Ann. Geophys.*, *18*, 1531–1549, doi:10.1007/s00585-001-1531-2.
- [118] Moen, J., P. E. Sandholt, and A. Egeland (2001), Pre- and post-noon asymmetry in dayside auroral activity and convection related to solar wind-magnetosphere interactions, *Adv. Space Res.*, *27*, 1363–1372, doi:10.1016/S0273-1177(01)00031-X.
- [119] Morris, D. J., N. Lal, F. B. McDonald, and R. E. McGuire (2001), High-energy solar protons seen by the APE-B telescope, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3177–+.
- [120] Moullard, O., D. Burgess, C. Salem, A. Mangeney, D. E. Larson, and S. D. Bale (2001), Whistler waves, Langmuir waves and single loss cone electron distributions inside a magnetic cloud: Observations, *J. Geophys. Res.*, *106*, 8301–8314, doi:10.1029/2000JA900144.
- [121] Muravieva, N., and Y. Tokarev (2001), Decametric sounding of near Earth plasma: correlation and fractal analysis of scintillation data, *Astrophys. Space Sci.*, *277*, 331–334, doi:10.1023/A:1012208013738.

List of Refereed Publications
Wind Spacecraft: 2001

- [122] Nagatsuma, T., S. Nozawa, S. C. Buchert, and R. Fujii (2001), High latitude Pi3 pulsations observed by the EISCAT VHF radar, *Adv. Space Res.*, *28*, 1093–1096, doi:10.1016/S0273-1177(01)80043-0.
- [123] Neudegg, D. A., S. W. H. Cowley, K. A. McWilliams, M. Lester, T. K. Yeoman, J. Sigwarth, G. Haerendel, W. Baumjohann, U. Auster, K.-H. Fornacon, and E. Georgescu (2001), The UV aurora and ionospheric flows during flux transfer events, *Ann. Geophys.*, *19*, 179–188, doi:10.5194/angeo-19-179-2001.
- [124] Ober, D. M., N. C. Maynard, W. J. Burke, W. K. Peterson, J. B. Sigwarth, L. A. Frank, J. D. Scudder, W. J. Hughes, and C. T. Russell (2001), Electrodynamics of the poleward auroral border observed by Polar during a substorm on April 22, 1998, *J. Geophys. Res.*, *106*, 5927–5944, doi:10.1029/2000JA003024.
- [125] Øieroset, M., T. D. Phan, M. Fujimoto, R. P. Lin, and R. P. Lepping (2001), In situ detection of collisionless reconnection in the Earth’s magnetotail, *Nature*, *412*, 414–417, doi:10.1038/35086520.
- [126] Parkinson, M. L., R. Polglase, P. L. Dyson, B. G. Fejer, L. Scherliess, and S. M. Ujmaia (2001), Electric field measurements at a southern mid-latitude station obtained using an HF digital ionosonde, *Adv. Space Res.*, *27*, 1253–1258, doi:10.1016/S0273-1177(01)00174-0.
- [127] Parks, G. K., L. J. Chen, M. Fillingim, and M. McCarthy (2001), Kinetic Characterization of Plasma Sheet Dynamics, *Space Sci. Rev.*, *95*, 237–255.
- [128] Petrukovich, A. A., S. I. Klimov, A. Lazarus, and R. P. Lepping (2001), Comparison of the solar wind energy input to the magnetosphere measured by Wind and Interball-1, *J. Atmos. Solar-Terr. Phys.*, *63*, 1643–1647, doi:10.1016/S1364-6826(01)00039-6.
- [129] Pilipenko, V., N. Kleimenova, O. Kozyreva, M. Engebretson, and O. Rasmussen (2001), Long-period magnetic activity during the May 15, 1997 storm, *J. Atmos. Solar-Terr. Phys.*, *63*, 489–501, doi:10.1016/S1364-6826(00)00189-9.
- [130] Plunkett, S. P., B. J. Thompson, O. C. St. Cyr, and R. A. Howard (2001), Solar source regions of coronal mass ejections and their geomagnetic effects, *J. Atmos. Solar-Terr. Phys.*, *63*, 389–402, doi:10.1016/S1364-6826(00)00166-8.
- [131] Pulkkinen, T. I., N. Y. Ganushkina, D. N. Baker, N. E. Turner, J. F. Fennell, J. Roeder, T. A. Fritz, M. Grande, B. Kellett, and G. Kettmann (2001), Ring current ion composition during solar minimum and rising solar activity: Polar/CAMMICE/MICS results, *J. Geophys. Res.*, *106*, 19,131–19,148, doi:10.1029/2000JA003036.
- [132] Raeder, J., Y. L. Wang, T. J. Fuller-Rowell, and H. J. Singer (2001), Global Simulation of Magnetospheric Space Weather Effects of the Bastille Day Storm, *Solar Phys.*, *204*, 323–337, doi:10.1023/A:1014228230714.

List of Refereed Publications
Wind Spacecraft: 2001

- [133] Rajaram, G., A. Dhar, and S. Kumar (2001), Response of geomagnetic variations and 30 MHz riometer absorption, at Indian Antarctic station MAITRI, to conditions of “zero” and “high” solar wind, *Adv. Space Res.*, *28*, 1661–1667, doi:10.1016/S0273-1177(01)00495-1.
- [134] Reames, D. V. (2001), Energetic particle composition, in *Joint SOHO/ACE workshop “Solar and Galactic Composition”*, *American Institute of Physics Conference Series*, vol. 598, edited by R. F. Wimmer-Schweingruber, pp. 153–164, doi:10.1063/1.1433994.
- [135] Reames, D. V., and C. K. Ng (2001), On the Phase of the 27 Day Modulation of Anomalous and Galactic Cosmic Rays at 1 AU during Solar Minimum, *Astrophys. J.*, *563*, L179–L182, doi:10.1086/338654.
- [136] Reames, D. V., C. K. Ng, and A. J. Tylka (2001), Heavy Ion Abundances and Spectra and the Large Gradual Solar Energetic Particle Event of 2000 July 14, *Astrophys. J.*, *548*, L233–L236, doi:10.1086/319100.
- [137] Reames, D. V., C. K. Ng, and D. Berdichevsky (2001), Angular Distributions of Solar Energetic Particles, *Astrophys. J.*, *550*, 1064–1074, doi:10.1086/319810.
- [138] Reichart, D. E., and D. Q. Lamb (2001), Construction and preliminary application of the variability \rightarrow luminosity estimator, in *20th Texas Symposium on relativistic astrophysics*, *American Institute of Physics Conference Series*, vol. 586, edited by J. C. Wheeler & H. Martel, pp. 599–604, doi:10.1063/1.1419620.
- [139] Reichart, D. E., and D. Q. Lamb (2001), Construction of the Variability \rightarrow Luminosity Estimator, in *Gamma-ray Bursts in the Afterglow Era*, edited by E. Costa, F. Frontera, & J. Hjorth, pp. 233–+, doi:10.1007/10853853-62.
- [140] Reichart, D. E., D. Q. Lamb, E. E. Fenimore, E. Ramirez-Ruiz, T. L. Cline, and K. Hurley (2001), A Possible Cepheid-like Luminosity Estimator for the Long Gamma-Ray Bursts, *Astrophys. J.*, *552*, 57–71, doi:10.1086/320434.
- [141] Reiner, M. (2001), Kilometric Type III Radio Bursts, Electron Beams, and Interplanetary Density Structures, *Space Sci. Rev.*, *97*, 129–139, doi:10.1023/A:1011894631803.
- [142] Reiner, M. J., M. L. Kaiser, and J.-L. Bougeret (2001), Radio signatures of the origin and propagation of coronal mass ejections through the solar corona and interplanetary medium, *J. Geophys. Res.*, *106*, 29,989–30,000, doi:10.1029/2000JA002228.
- [143] Reiner, M. J., M. L. Kaiser, M. Karlický, K. Jiříčka, and J.-L. Bougeret (2001), Bastille Day Event: A Radio Perspective, *Solar Phys.*, *204*, 121–137, doi:10.1023/A:1014225323289.
- [144] Rème, H., C. Aoustin, J. M. Bosqued, I. Dandouras, B. Lavraud, J. A. Sauvaud, A. Barthe, J. Bouyssou, T. Camus, O. Coeur-Joly, A. Cros, J. Cuvilo, F. Ducay, Y. Garbarowitz, J. L. Medale, E. Penou, H. Perrier, D. Romefort, J. Rouzaud, C. Vallat, D. Alcaydé, C. Jacquy, C. Mazelle, C. D’Uston, E. Möbius, L. M. Kistler, K. Crocker,

List of Refereed Publications
Wind Spacecraft: 2001

- M. Granoff, C. Mouikis, M. Popecki, M. Vosbury, B. Klecker, D. Hovestadt, H. Kucharek, E. Kuenneth, G. Paschmann, M. Scholer, N. Sckopke, E. Seidenschwang, C. W. Carlson, D. W. Curtis, C. Ingraham, R. P. Lin, J. P. McFadden, G. K. Parks, T. Phan, V. Formisano, E. Amata, M. B. Bavassano-Cattaneo, P. Baldetti, R. Bruno, G. Chionchio, A. di Lellis, M. F. Marcucci, G. Pallocchia, A. Korth, P. W. Daly, B. Graeve, H. Rosenbauer, V. Vasyliunas, M. McCarthy, M. Wilber, L. Eliasson, R. Lundin, S. Olsen, E. G. Shelley, S. Fuselier, A. G. Ghielmetti, W. Lennartsson, C. P. Escoubet, H. Balsiger, R. Friedel, J.-B. Cao, R. A. Kovrazhkin, I. Papamastorakis, R. Pellat, J. Scudder, and B. Sonnerup (2001), First multispacecraft ion measurements in and near the Earth's magnetosphere with the identical Cluster ion spectrometry (CIS) experiment, *Ann. Geophys.*, *19*, 1303–1354, doi:10.5194/angeo-19-1303-2001.
- [145] Rezeau, L., F. Sahraoui, E. D'Humières, G. Belmont, T. Chust, N. Cornilleau-Wehrlin, L. Mellul, O. Alexandrova, E. Lucek, P. Robert, P. Décréau, P. Canu, and I. Dandouras (2001), A case study of low-frequency waves at the magnetopause, *Ann. Geophys.*, *19*, 1463–1470, doi:10.5194/angeo-19-1463-2001.
- [146] Rucker, H. O., M. Y. Boudjada, M. Leitner, A. Lecacheux, M. Aubier, A. Konovalenko, P. H. M. Galopeau, and V. Shaposhnikov (2001), Developments in Jovian Radio Emissions Tomography and Observations Techniques, *Astrophys. Space Sci.*, *277*, 325–328, doi:10.1023/A:1012258519673.
- [147] Ruohoniemi, J. M., R. J. Barnes, R. A. Greenwald, and S. G. Shepherd (2001), The response of the high-latitude ionosphere to the coronal mass ejection event of April 6, 2000: A practical demonstration of space weather nowcasting with the Super Dual Auroral Radar Network HF radars, *J. Geophys. Res.*, *106*, 30,085–30,098, doi:10.1029/2000JA000217.
- [148] Russell, C. T. (2001), The dynamics of planetary magnetospheres, *Planet. Space Sci.*, *49*, 1005–1030, doi:10.1016/S0032-0633(01)00017-4.
- [149] Sandholt, P. E., C. J. Farrugia, S. W. H. Cowley, M. Lester, and J.-C. Cerisier (2001), Excitation of transient lobe cell convection and auroral arc at the cusp poleward boundary during a transition of the interplanetary magnetic field from south to north, *Ann. Geophys.*, *19*, 487–493, doi:10.5194/angeo-19-487-2001.
- [150] Sandholt, P. E., C. J. Farrugia, S. W. H. Cowley, and M. Lester (2001), Dayside auroral bifurcation sequence during B_y -dominated interplanetary magnetic field: Relationship with merging and lobe convection cells, *J. Geophys. Res.*, *106*, 15,429–15,444, doi:10.1029/2000JA900161.
- [151] Sarafopoulos, D. V., K. Takahashi, and R. W. McEntire (2001), Periodic variations of magnetosheath energetic electron flux associated with global Pc5 pulsations, *J. Geophys. Res.*, *106*, 13,037–13,052, doi:10.1029/2001JA900009.
- [152] Sergeev, V. A., M. V. Kubyshkina, K. Liou, P. T. Newell, G. Parks, R. Nakamura, and T. Mukai (2001), Substorm and convection bay compared: Auroral and mag-

List of Refereed Publications
Wind Spacecraft: 2001

- netotail dynamics during convection bay, *J. Geophys. Res.*, *106*, 18,843–18,856, doi:10.1029/2000JA900087.
- [153] Shanmugaraju, A., S. Umapathy, and V. Balasubramanian (2001), Characteristics of a type II solar radio burst on 22 March 1998, *Solar Phys.*, *201*, 373–387, doi:10.1023/A:1017530008370.
- [154] Sharma, A. S., M. I. Sitnov, and K. Papadopoulos (2001), Substorms as nonequilibrium transitions of the magnetosphere, *J. Atmos. Solar-Terr. Phys.*, *63*, 1399–1406, doi:10.1016/S1364-6826(00)00241-8.
- [155] Shue, J.-H., P. T. Newell, K. Liou, and C.-I. Meng (2001), Influence of interplanetary magnetic field on global auroral patterns, *J. Geophys. Res.*, *106*, 5913–5926, doi:10.1029/2000JA003010.
- [156] Slinker, S. P., J. A. Fedder, D. J. McEwen, Y. Zhang, and J. G. Lyon (2001), Polar cap study during northward interplanetary magnetic field on 19 January 1998, *Phys. Plasmas*, *8*, 1119–1126, doi:10.1063/1.1355680.
- [157] Smith, I. A., R. P. J. Tilanus, R. A. M. J. Wijers, N. Tanvir, P. Vreeswijk, E. Rol, and C. Kouveliotou (2001), SCUBA sub-millimeter observations of gamma-ray bursters. II. GRB 991208, 991216, 000301C, 000630, 000911, 000926, *Astron. & Astrophys.*, *380*, 81–89, doi:10.1051/0004-6361:20011382.
- [158] Söding, A., F. M. Neubauer, B. T. Tsurutani, N. F. Ness, and R. P. Lepping (2001), Radial and latitudinal dependencies of discontinuities in the solar wind between 0.3 and 19 AU and -80° and $+10^\circ$, *Ann. Geophys.*, *19*, 667–680, doi:10.5194/angeo-19-667-2001.
- [159] Song, P., J. U. Kozyra, M. O. Chandler, C. T. Russell, W. K. Peterson, K. J. Trattner, R. H. W. Friedel, J.-H. Shue, T. E. Moore, K. W. Ogilvie, R. P. Lepping, and D. J. McComas (2001), Polar observations and model predictions during May 4, 1998, magnetopause, magnetosheath, and bow shock crossings, *J. Geophys. Res.*, *106*, 18,927–18,942, doi:10.1029/2000JA900126.
- [160] Stasiewicz, K., C. E. Seyler, F. S. Mozer, G. Gustafsson, J. Pickett, and B. Popielawska (2001), Magnetic bubbles and kinetic Alfvén waves in the high-latitude magnetopause boundary, *J. Geophys. Res.*, *106*, 29,503–29,514, doi:10.1029/2001JA900055.
- [161] Stubbs, T. J., M. Lockwood, P. Cargill, J. Fennell, M. Grande, B. Kellett, C. Perry, and A. Rees (2001), Dawn-dusk asymmetry in particles of solar wind origin within the magnetosphere, *Ann. Geophys.*, *19*, 1–9, doi:10.5194/angeo-19-1-2001.
- [162] Su, Y.-J., J. E. Borovsky, M. F. Thomsen, N. Dubouloz, M. O. Chandler, T. E. Moore, and M. Bouhram (2001), Plasmaspheric material on high-latitude open field lines, *J. Geophys. Res.*, *106*, 6085–6096, doi:10.1029/2000JA003008.
- [163] Szabo, A., R. P. Lepping, J. Merka, C. W. Smith, and R. M. Skoug (2001), The evolution of interplanetary shocks driven by magnetic clouds, in *Solar encounter. Proceedings of the*

List of Refereed Publications
Wind Spacecraft: 2001

- First Solar Orbiter Workshop, ESA Special Publication*, vol. 493, edited by B. Battrock, H. Sawaya-Lacoste, E. Marsch, V. Martinez Pillet, B. Fleck, & R. Marsden, pp. 383–387.
- [164] Terasawa, T., H. Noda, M. Oka, T. Mukai, and T. Saito (2001), The Earth's Bow Shock as a Cosmic-Ray-Modified Shock: GEOTAIL observation, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 9, pp. 3620–+.
- [165] Thompson, S. M., and M. G. Kivelson (2001), New evidence for the origin of giant pulsations, *J. Geophys. Res.*, *106*, 21,237–21,254, doi:10.1029/2001JA000026.
- [166] Torsti, J., L. Kocharov, D. E. Innes, J. Laivola, and T. Sahla (2001), Injection of energetic protons during solar eruption on 1999 May 9: Effect of flare and coronal mass ejection, *Astron. & Astrophys.*, *365*, 198–203, doi:10.1051/0004-6361:20000148.
- [167] Trattner, K. J., S. A. Fuselier, W. K. Peterson, S.-W. Chang, R. Friedel, and M. R. Aellig (2001), Origins of energetic ions in the cusp, *J. Geophys. Res.*, *106*, 5967–5976, doi:10.1029/2000JA003005.
- [168] Tsurutani, B. T., X.-Y. Zhou, J. K. Arballo, W. D. Gonzalez, G. S. Lakhina, V. Vasyliunas, J. S. Pickett, T. Araki, H. Yang, G. Rostoker, T. J. Hughes, R. P. Lepping, and D. Berdichevsky (2001), Auroral zone dayside precipitation during magnetic storm initial phases, *J. Atmos. Solar-Terr. Phys.*, *63*, 513–522, doi:10.1016/S1364-6826(00)00161-9.
- [169] Tsurutani, B. T., J. K. Arballo, C. Galvan, L. D. Zhang, X.-Y. Zhou, G. S. Lakhina, T. Hada, J. S. Pickett, and D. A. Gurnett (2001), Polar cap boundary layer waves: An auroral zone phenomenon, *J. Geophys. Res.*, *106*, 19,035–19,056, doi:10.1029/2000JA003007.
- [170] Tsurutani, B. T., X.-Y. Zhou, V. M. Vasyliunas, and et al. (2001), Interplanetary Shocks, Magnetopause Boundary Layers and Dayside Auroras: The Importance of a Very Small Magnetospheric Region, *Surveys in Geophys.*, *22*, 101–130, doi:10.1023/A:1012952414384.
- [171] Tylka, A. J., C. M. S. Cohen, W. F. Dietrich, C. G. MacLennan, R. E. McGuire, C. K. Ng, and D. V. Reames (2001), Evidence for Remnant Flare Suprathermals in the Source Population of Solar Energetic Particles in the 2000 Bastille Day Event, *Astrophys. J.*, *558*, L59–L63, doi:10.1086/323344.
- [172] Tylka, A. J., P. R. Boberg, C. M. S. Cohen, W. F. Dietrich, C. G. MacLennan, G. M. Mason, D. V. Reames, R. E. McGuire, and C. K. Ng (2001), Energy Spectra of Very Large Gradual Solar Particle Events, in *International Cosmic Ray Conference, International Cosmic Ray Conference*, vol. 8, pp. 3189–+.
- [173] Urquhart, A. L. (2001), Solar wind control of the open magnetosphere: Comparison of GGS/polar images and theory, Ph.D. thesis, RICE UNIVERSITY.
- [174] Uspensky, M., P. Eglitis, H. Opgenoorth, G. Starkov, T. Pulkkinen, and R. Pellinen (2001), On auroral dynamics observed by HF radar: 1. Equatorward edge of the afternoon-evening diffuse luminosity belt, *Ann. Geophys.*, *18*, 1560–1575, doi:10.1007/s00585-001-1560-x.

List of Refereed Publications
Wind Spacecraft: 2001

- [175] Vasquez, B. J., C. J. Farrugia, S. A. Markovskii, J. V. Hollweg, I. G. Richardson, K. W. Ogilvie, R. P. Lepping, R. P. Lin, and D. Larson (2001), Nature of fluctuations on directional discontinuities inside a solar ejection: Wind and IMP 8 observations, *J. Geophys. Res.*, *106*, 29,283–29,298, doi:10.1029/2001JA000142.
- [176] Verigin, M., G. Kotova, A. Szabo, J. Slavin, T. Gombosi, K. Kabin, F. Shugaev, and A. Kalinchenko (2001), Wind observations of the terrestrial bow shock: 3-D shape and motion, *Earth, Planets, and Space*, *53*, 1001–1009.
- [177] Verigin, M. I., G. A. Kotova, J. Slavin, A. Szabo, M. Kessel, J. Safrankova, Z. Nemecek, T. I. Gombosi, K. Kabin, F. Shugaev, and A. Kalinchenko (2001), Analysis of the 3-D shape of the terrestrial bow shock by interball/magion 4 observations, *Adv. Space Res.*, *28*, 857–862, doi:10.1016/S0273-1177(01)00502-6.
- [178] Villante, U., P. Francia, and S. Lepidi (2001), Pc5 geomagnetic field fluctuations at discrete frequencies at a low latitude station, *Ann. Geophys.*, *19*, 321–325, doi:10.5194/angeo-19-321-2001.
- [179] Vogl, D. F., H. K. Biernat, N. V. Erkaev, C. J. Farrugia, and S. Mühlbachler (2001), Jump conditions for pressure anisotropy and comparison with the Earth’s bow shock, *Nonlin. Proc. Geophys.*, *8*, 167–174.
- [180] Wang, C., J. D. Richardson, and K. I. Paularena (2001), Predicted Voyager observations of the Bastille Day 2000 coronal mass ejection, *J. Geophys. Res.*, *106*, 13,007–13,014, doi:10.1029/2000JA000388.
- [181] Wang, C., J. D. Richardson, and L. Burlaga (2001), Propagation of the Bastille Day 2000 CME Shock in the Outer Heliosphere, *Solar Phys.*, *204*, 413–423, doi:10.1023/A:1014293527951.
- [182] Watari, S., T. Watanabe, and K. Marubashi (2001), Soft X-ray Solar Activities Associated with Interplanetary Magnetic Flux Ropes, *Solar Phys.*, *202*, 363–384.
- [183] Weidenspointner, G., M. J. Harris, S. Sturmer, B. Teegarden, A. J. Dean, N. Diallo, and S. E. Shaw (2001), Towards a measurement of the cosmic diffuse gamma-ray background with TGRS, in *Exploring the Gamma-Ray Universe, ESA Special Publication*, vol. 459, edited by A. Gimenez, V. Reglero, & C. Winkler, pp. 635–638.
- [184] Weygand, J. M., F. M. Ipavich, P. Wurz, J. A. Paquette, and P. Bochsler (2001), Determination of the Ar/Ca solar wind elemental abundance ratio using SOHO/CELIAS/MTOF, in *Joint SOHO/ACE workshop "Solar and Galactic Composition"*, *American Institute of Physics Conference Series*, vol. 598, edited by R. F. Wimmer-Schweingruber, pp. 101–106, doi:10.1063/1.1433986.
- [185] Whang, Y. C., D. Fairfield, R. P. Lepping, T. Mukai, Y. Saito, J. Slavin, and A. Szabo (2001), Double discontinuities at the magnetotail plasma sheet-lobe boundary, *Ann. Geophys.*, *19*, 1095–1105, doi:10.5194/angeo-19-1095-2001.

List of Refereed Publications
Wind Spacecraft: 2001

- [186] Wilber, M., Q. Li, R. M. Winglee, G. K. Parks, M. McCarthy, and R. P. Lin (2001), A new particle population near the high-latitude plasma sheet, *J. Geophys. Res.*, *106*, 29,669–29,682, doi:10.1029/2000JA900155.
- [187] Willes, A. J., and I. H. Cairns (2001), Mode Conversion and Reflection of Langmuir Waves in an Inhomogeneous Solar Wind, *Publ. Astron. Soc. Australia*, *18*, 355–360, doi:10.1071/AS01051.
- [188] Yermolaev, Y. I. (2001), Strong Geomagnetic Disturbances and Their Correlation with Interplanetary Phenomena during the Operation of the INTERBALL Project Satellites, *Cosmic Res.*, *39*, 303–310.
- [189] Zong, Q.-G., B. Wilken, S. Y. Fu, T. A. Fritz, A. Korth, N. Hasebe, D. J. Williams, and Z.-Y. Pu (2001), Ring current oxygen ions escaping into the magnetosheath, *J. Geophys. Res.*, *106*, 25,541–25,556, doi:10.1029/2000JA000127.