

Bibliography from ADS file: bothmer.bib
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- Chifu, I. & Bothmer, V., “Multi-spacecraft analysis of multi-CME events observed by WISPR on Parker Solar Probe in April 2021”, 2022cosp...44.1466C ADS
- Bothmer, V. & Chifu, I., “Near-Sun Observations of CMEs with WISPR on Parker Solar Probe in April 2021”, 2022cosp...44.1461B ADS
- Temmer, M. & Bothmer, V., “Evolution of ICME sheath and leading-edge structure in the inner heliosphere”, 2022cosp...44.1439T ADS
- Bhattacharjee, D., Nieves-Chinchilla, T., Bothmer, V., Subramanian, P., & Vourlidas, A., “On modeling ICME cross sections as static MHD columns”, 2022cosp...44.1376B ADS
- Bhattacharjee, D., Subramanian, P., Bothmer, V., Nieves-Chinchilla, T., & Vourlidas, A., “On Modeling ICME Cross-Sections as Static MHD Columns”, 2022SoPh...297...45B ADS
- Erdélyi, R., Damé, L., Fludra, A., et al., “HiRISE - High-Resolution Imaging and Spectroscopy Explorer - Ultrahigh resolution, interferometric and external occulting coronagraphic science”, 2022ExA...tmp...21E ADS
- Temmer, M. & Bothmer, V., “Characteristics and evolution of sheath and leading edge structures of interplanetary coronal mass ejections in the inner heliosphere based on Helios and Parker Solar Probe observations”, 2022arXiv220204391T ADS
- Rodríguez, L., Barnes, D., Hosteaux, S., et al., “Comparing the Heliospheric Cataloging, Analysis, and Techniques Service (HELCASTS) Manual and Automatic Catalogues of Coronal Mass Ejections Using Solar Terrestrial Relations Observatory/Heliospheric Imager (STEREO/HI) Data”, 2022SoPh...297...23R ADS
- Bothmer, V., “The magnetic flux rope structure of coronal mass ejections - 2021 Julius Bartels Medal Lecture at vEGU”, 2021EGUGA...2311152B ADS
- Hinrichs, J., Davies, J. A., West, M. J., et al., “Analysis of signal to noise ratio in coronagraph observations of coronal mass ejections”, 2021JSWSC...11...11H ADS
- Barnes, D., Davies, J. A., Harrison, R. A., et al., “CMEs in the Heliosphere: III. A Statistical Analysis of the Kinematic Properties Derived from Stereoscopic Geometrical Modelling Techniques Applied to CMEs Detected in the Heliosphere from 2008 to 2014 by STEREO/HI-1”, 2020SoPh...295...150B ADS
- Howard, R. A., Vourlidas, A., Colaninno, R. C., et al., “The Solar Orbiter Heliospheric Imager (SoloHI)”, 2020A&A...642A...13H ADS
- Mrotzek, N. & Bothmer, V., “High resolution multi-viewpoint observations of CME kinematics and dynamics”, 2020EGUGA...222532M ADS
- Nisticò, G., Bothmer, V., Vourlidas, A., et al., “Simulating White-Light Images of Coronal Structures for Parker Solar Probe/WISPR: Study of the Total Brightness Profiles”, 2020SoPh...295...63N ADS
- Hess, P., Howard, R., Vourlidas, A., et al., “Imaging the Solar Corona From Within”, 2020AAS...23514907H ADS
- Howard, R. A., Vourlidas, A., Bothmer, V., et al., “Near-Sun observations of an F-corona decrease and K-corona fine structure”, 2019Natur...576...232H ADS
- Vourlidas, A., Howard, R. A., Colaninno, R. C., et al., “The Solar Orbiter Heliospheric Imager (SoloHI) for the Solar Orbiter Mission: Science and Instrument Status”, 2019AGUFM24A...08V ADS
- Liewer, P. C., Hall, J. R., Pentead, P., et al., “Challenges in the Analysis of Images from the Wide-field Imager (WISPR) on Parker Solar Probe”, 2019AGUFM23A...09L ADS
- Howard, R. A., Vourlidas, A., Bothmer, V., et al., “Imaging the Solar Corona from Within: First Results from the Parker Solar Probe Telescope”, 2019AGUFM11A...04H ADS
- Liewer, P., Vourlidas, A., Thernisien, A., et al., “Simulating White Light Images of Coronal Structures for WISPR/Parker Solar Probe: Effects of the Near-Sun Elliptical Orbit”, 2019SoPh...294...93L ADS
- Middleton, K. F., Anwand, H., Bothmer, V., et al., “SCOPE: a coronagraph for operational space weather prediction: phase A/B1 design and breadboarding”, 2019SPIE11180E...3AM ADS
- Barnes, D., Davies, J. A., Harrison, R. A., et al., “CMEs in the Heliosphere: II. A Statistical Analysis of the Kinematic Properties Derived from Single-Spacecraft Geometrical Modelling Techniques Applied to CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1”, 2019SoPh...294...57B ADS
- Nisticò, G., Liewer, P., Vourlidas, A., et al., “Raytracing simulations of Parker Solar Probe/WISPR images”, 2019EGUGA...2114202N ADS
- Bothmer, V., “What we know and don't know about coronal mass ejections - The answer is blowing in my presentation”, 2019EGUGA...2110529B ADS
- Pluta, A., Mrotzek, N., Vourlidas, A., Bothmer, V., & Savani, N., “Combined geometrical modelling and white-light mass determination of coronal mass ejections”, 2019A&A...623A.139P ADS
- Nisticò, G., Bothmer, V., Liewer, P., Vourlidas, A., & Thernisien, A., “Observing the corona and inner heliosphere with Parker Solar Probe”, 2019NCimC...42...21N ADS
- Nisticò, G., Vladimirov, V., Nakariakov, V. M., Battams, K., & Bothmer, V., “Oscillations of cometary tails: a vortex shedding phenomenon?”, 2018A&A...615A.143N ADS
- Liewer, P. C., Qiu, J., Nisticò, G., et al., “Preparing for Parker Solar Probe: Tracking Moving Solar Wind Features in Images from the Wide-field Imager for Parker Solar Probe (WISPR)”, 2018shin.confE...43L ADS
- Nisticò, G., Vladimirov, V., Nakariakov, V. M., Battams, K., & Bothmer, V., “Probing the inner heliosphere with comets”, 2018shin.confE...41N ADS
- Nisticò, G., Liewer, P., Qiu, J., et al., “Simulations of PSP/WISPR observations of the corona/inner heliosphere with raytracing software”, 2018shin.confE...40N ADS
- Liewer, P., Nisticò, G., Howard, R., et al., “Preparing for Parker Solar Probe: Synthetic White-light Imagery and Analysis for the Wide-field Imager (WISPR)”, 2018cosp...42E2010L ADS
- Palmerio, E., Kilpua, E. K. J., Möstl, C., et al., “Coronal Magnetic Structure of Earthbound CMEs and In Situ Comparison”, 2018SpWea...16...442P ADS
- Harrison, R. A., Davies, J. A., Barnes, D., et al., “CMEs in the Heliosphere: I. A Statistical Analysis of the Observational Properties of CMEs Detected in the Heliosphere from 2007 to 2017 by STEREO/HI-1”, 2018SoPh...293...77H ADS
- Murray, S. A., Guerra, J. A., Zucca, P., et al., “Connecting Coronal Mass Ejections to Their Solar Active Region Sources: Combining Results from the HELCASTS and FLARECAST Projects”, 2018SoPh...293...60M ADS
- Nisticò, G., Liewer, P., Bothmer, V., & Vourlidas, A., “Simulating observations of the corona/inner heliosphere with the Wide-Field Imager for Parker Solar Probe by raytracing software”, 2018EGUGA...2018677N ADS
- Bothmer, V., Harrison, R., Davies, J., & Rouillard, A., “Key results and services of HELCASTS”, 2018EGUGA...20.7441B ADS
- Bothmer, V. & Venzmer, M., “Solar-wind predictions for the Parker Solar Probe orbit”, 2018EGUGA...20.5245B ADS
- Venzmer, M. S. & Bothmer, V., “Solar-wind predictions for the Parker Solar Probe orbit. Near-Sun extrapolations derived from an empirical solar-wind model based on Helios and OMNI observations”, 2018A&A...611A...36V ADS
- Barnes, D., Harrison, R. A., Davies, J. A., et al., “The Heliospheric Cataloging, Analysis and Techniques Service (HELCASTS) project”, 2017AGUFM31A2713B ADS
- Plunkett, S. P., Howard, R., Chua, D. H., et al., “The Wide-Field Imager for the Parker Solar Probe Mission (WISPR)”, 2017AGUFM23D2693P ADS
- Howard, R., Colaninno, R. C., Plunkett, S. P., et al., “The Solar Orbiter Heliospheric Imager (SoloHI) for the Solar Orbiter Mission”, 2017AGUFM23D2681H ADS
- Bothmer, V. & Mrotzek, N., “Comparison of CME and ICME Structures Derived from Remote-Sensing and In Situ Observations”, 2017SoPh...292...157B ADS
- Sachdeva, N., Subramanian, P., Vourlidas, A., & Bothmer, V., “CME Dynamics Using STEREO and LASCO Observations: The Relative Importance of Lorentz Forces and Solar Wind Drag”, 2017SoPh...292...118S ADS
- Möstl, C., Isavnin, A., Boakes, P. D., et al., “Modeling observations of solar coronal mass ejections with heliospheric imagers verified with the Helio-physics System Observatory”, 2017SpWea...15...955M ADS
- Kilpua, E., Möstl, C., Bothmer, V., et al., “Using heliospheric imager observations in predicting the impact of coronal mass ejections (CMEs) at planets”, 2017EGUGA...19.9051K ADS
- Erdogan, E., Schmidt, M., Dettmering, D., et al., “Regional Densification of a Global VTEC Model Based on B-Spline Representations”, 2017EGUGA...19.8860E ADS
- Krupar, V., Kruparova, O., Santolik, O., et al., “Radio triangulation of solar radio emissions associated with the 2012 July 23 CME”, 2017EGUGA...19.8836K ADS
- Barnes, D., Davies, J., Harrison, R., et al., “A Catalogue of Coronal Mass Ejections Observed by the STEREO Heliospheric Imagers: Results from HELCASTS”, 2017EGUGA...19.8160B ADS
- Harrison, R., Davies, J., Perry, C., et al., “Overview of the HELCASTS project”, 2017EGUGA...19.5296H ADS
- Hinrichs, J., Bothmer, V., Mrotzek, N., et al., “Impacts of Space Weather Effects on the Ionospheric Vertical Total Electron Content”, 2017EGUGA...19.5229H ADS
- Bothmer, V., Mrotzek, N., Murray, S., et al., “CME properties and solar source region characteristics - HELCASTS results”, 2017EGUGA...19.5107B ADS
- Möstl, C., Isavnin, A., Kilpua, E., et al., “Modeling of coronal mass ejections with the STEREO heliospheric imagers verified with in situ observations by the Helio-physics System Observatory”, 2017EGUGA...19.4536M ADS

- Palmerio, E., Kilpua, E., Bothmer, V., et al., "Magnetic structure of Earth-directed events in the HELCATS LINKCAT catalog during 2011-2013", 2017EGUGA...19.3874P ADS
- Mrotzek, N., Bothmer, V., Davies, J., & Harrison, R., "A Multi-Model Approach to the Analysis of the Kinematics of CMEs Based on Multi-point Space Observations", 2017EGUGA...19.3532M ADS
- Vourlidas, A., Howard, R. A., Plunkett, S. P., et al., "The Wide-Field Imager for Solar Probe Plus (WISPR)", 2016SSRv...204...83V ADS
- Barnes, D., Davies, J. A., Harrison, R. A., et al., "A Catalogue of Geometrically-Modelled Coronal Mass Ejections Observed by the STEREO Heliospheric Imagers", 2016AGUFMSH31B2588B ADS
- Plotnikov, I., Rouillard, A. P., Davies, J. A., et al., "Long-Term Tracking of Corotating Density Structures Using Heliospheric Imaging", 2016SoPh...291.1853P ADS
- Lavraud, B., Liu, Y., Segura, K., et al., "A small mission concept to the Sun-Earth Lagrangian L5 point for innovative solar, heliospheric and space weather science", 2016JASTP.146...171L ADS
- Krupar, V., Eastwood, J. P., Kruparova, O., et al., "An Analysis of Interplanetary Solar Radio Emissions Associated with a Coronal Mass Ejection", 2016ApJ...823L...5K ADS
- Börger, K., Schmidt, M., Dettmering, D., et al., "Global VTEC-modelling in near real-time based on space geodetic techniques, adapted B-spline expansions and Kalman-filtering including observations of the Sun's radiation", 2016EGUGA...1812905B ADS
- Erdogan, E., Limberger, M., Schmidt, M., et al., "The combination of satellite observation techniques for sequential ionosphere VTEC modeling", 2016EGUGA...1812685E ADS
- Harrison, R., Davies, J., Perry, C., et al., "HELCATS - Heliospheric Cataloguing, Analysis and Techniques Service", 2016EGUGA...1810220H ADS
- Mrotzek, N., Pluta, A., Bothmer, V., Davies, J., & Harrison, R., "Deriving CME kinematics from multipoint space observations", 2016EGUGA...18.8058M ADS
- Hinrichs, J., Bothmer, V., Mrotzek, N., et al., "Impacts of Space Weather Effects on the Ionospheric Vertical Total Electron Content", 2016EGUGA...18.7375H ADS
- Krupar, V., Bothmer, V., Davies, J. A., et al., "Radio Triangulation of Type II Bursts Associated with a CME - CME Interaction", 2015AGUFMSH53B2498K ADS
- Rollett, T., Moestl, C., Boakes, P. D., et al., "First Results on Visualization and Verification of the STEREO Heliospheric Imager CME Catalogue with In Situ Data from the Heliophysics System Observatory", 2015AGUFMSH53A2466R ADS
- Barnes, D., Harrison, R. A., Davies, J. A., et al., "HELCATS - Heliospheric Cataloguing, Analysis and Techniques Service", 2015AGUFMSH21B2410B ADS
- Nisticò, G., Zimbardo, G., Patsourakos, S., Bothmer, V., & Nakariakov, V. M., "North-south asymmetry in the magnetic deflection of polar coronal hole jets", 2015A&A...583A.127N ADS
- Volpes, L. & Bothmer, V., "An Application of the Stereoscopic Self-similar-Expansion Model to the Determination of CME-Driven Shock Parameters", 2015SoPh...290.3005V ADS
- Schmidtke, G., Avakyan, S. V., Berdermann, J., et al., "Where does the thermospheric Ionospheric GEospheric Research (TIGER) Program go?", 2015AdSpR...56.15475 ADS
- Volpes, L. & Bothmer, V., "On the interplanetary evolution of CME-driven shocks: a comparison between remote sensing observations and in-situ data", 2015IAUGA...2256648V ADS
- Volpes, L. & Bothmer, V., "On the interplanetary evolution of CME-driven shocks: a comparison between remote sensing observations and in-situ data", 2015IAUGA...2254866V ADS
- Rodmann, J., Bothmer, V., & Thernisien, A., "Where no dust instrument has gone before: Dust science with Solar Probe Plus", 2015EGUGA...1712390R ADS
- Bisi, M. M., Harrison, R. A., Davies, J. A., et al., "The HELCATS Project: Characterising the Evolution of Coronal Mass Ejections Observed During Solar Cycle 24", 2014AGUFMSH43B4214B ADS
- Nisticò, G., Zimbardo, G., Bothmer, V., & Patsourakos, S., "North-South Asymmetry in the Magnetic Deflection of Polar Coronal Jets", 2014cosp...40E2295N ADS
- Bosman, E., Odstroil, D., Hesemann, J., et al., "3D forecast of major geomagnetic storms", 2013EGUGA...1511840B ADS
- Bothmer, V., "AFFECTS - Advanced Forecast For Ensuring Communications Through Space", 2013EGUGA...1511752B ADS
- Bosman, E., Bothmer, V., Nisticò, G., et al., "Three-Dimensional Properties of Coronal Mass Ejections from STEREO/SECCHI Observations", 2012SoPh...281...167B ADS
- Savani, N. P., Davies, J. A., Davis, C. J., et al., "Observational Tracking of the 2D Structure of Coronal Mass Ejections Between the Sun and 1 AU", 2012SoPh...279...517S ADS
- Bothmer, V., "Solar and Interplanetary Data availability for space weather", 2012cosp...39...227B ADS
- Bothmer, V., "Observing Space Weather towards building Predictive Capabilities", 2012cosp...39...226B ADS
- Bosman, E. & Bothmer, V., "3D Modeling of CMEs observed with STEREO", 2012EGUGA...1411632B ADS
- Temmer, M., Vršnak, B., Rollett, T., et al., "CME-CME interaction during the 2010 August 1 events", 2012EGUGA...14.1677T ADS
- Temmer, M., Vršnak, B., Rollett, T., et al., "Characteristics of Kinematics of a Coronal Mass Ejection during the 2010 August 1 CME-CME Interaction Event", 2012ApJ...749...57T ADS
- Howard, R. A., Thernisien, A. F., Vourlidas, A., et al., "Observations of the White Light Corona from Solar Orbiter and Solar Probe Plus", 2011AGUFMSH43F...06H ADS
- Nisticò, G., Patsourakos, S., Bothmer, V., & Zimbardo, G., "Determination of temperature maps of EUV coronal hole jets", 2011AdSpR...48.1490N ADS
- Savani, N. P., Owens, M. J., Rouillard, A. P., et al., "Evolution of Coronal Mass Ejection Morphology with Increasing Heliocentric Distance. II. In Situ Observations", 2011ApJ...732...117S ADS
- Nisticò, G., Bothmer, V., Patsourakos, S., & Zimbardo, G., "Observational features of equatorial coronal hole jets", 2010AnGeo...28...687N ADS
- Bothmer, V., "Solar Observations - What is needed for Space Weather Monitoring?", 2010cosp...38.4182B ADS
- Bothmer, V., Nisticò, G., Zimbardo, G., Patsourakos, S., & Bosman, E., "The nature of micro CMEs within coronal holes", 2010cosp...38.2840B ADS
- Bothmer, V., Bosman, E., & Thernisien, A., "3D structure of CMEs observed with STEREO/SECCHI", 2010cosp...38.1870B ADS
- Nisticò, G., Bothmer, V., Patsourakos, S., & Zimbardo, G., "Classification and Physical parameters EUV coronal jets with STEREO/SECCHI.", 2010cosp...38.1820N ADS
- Messerotti, M., Zuccarello, F., Guglielmino, S. L., et al., "Solar Weather Event Modelling and Prediction", 2009SSRv...147...121M ADS
- Nisticò, G., Bothmer, V., Patsourakos, S., & Zimbardo, G., "Characteristics of EUV Coronal Jets Observed with STEREO/SECCHI", 2009SoPh...259...87N ADS
- Aschwanden, M. J., Burlaga, L. F., Kaiser, M. L., et al., "Theoretical modeling for the stereo mission", 2008SSRv...136...565A ADS
- Howard, R. A., Moses, J. D., Vourlidas, A., et al., "Sun Earth Connection Coronal and Heliospheric Investigation (SECCHI)", 2008SSRv...136...67H ADS
- Crosby, N., Bothmer, V., Facius, R., et al., "Interplanetary Space Weather and Its Planetary Connection", 2008SpWea...6.1003C ADS
- Howard, R. A., Moses, J. D., Vourlidas, A., et al., "The SECCHI Experiment on the STEREO Mission", 2007AGUFMSH33A...01H ADS
- Plunkett, S. P., Howard, R. A., Moses, J. D., et al., "Stereo Observations Of The Solar Corona Using The Secchi Experiment", 2007AAS...21011901P ADS
- McComas, D. J., Velli, M., Lewis, W. S., et al., "Understanding coronal heating and solar wind acceleration: Case for in situ near-Sun measurements", 2007RvGeo...45.1004M ADS
- Bothmer, V. & Tripathi, D., "Evolution of the photospheric magnetic field in the source regions of coronal mass ejections", 2007msfa.conf...257B ADS
- Howard, R. A., Moses, D., Vourlidas, A., et al., "The SECCHI Experiment on the STEREO Mission", 2006AGUFMSM12A...02H ADS
- Bothmer, V. & Tripathi, D., "Photospheric Field Evolution in the Source Regions of Coronal Mass Ejections", 2006ESASP.617E...20B ADS
- Tripathi, D., Solanki, S. K., Schwenn, R., et al., "Observation of a bright coronal downflow by SOHO/EIT", 2006A&A...449...369T ADS
- Forsyth, R. J., Bothmer, V., Cid, C., et al., "ICMEs in the Inner Heliosphere: Origin, Evolution and Propagation Effects. Report of Working Group G", 2006SSRv...123...383F ADS
- Wimmer-Schweingruber, R. F., Crooker, N. U., Balogh, A., et al., "Understanding Interplanetary Coronal Mass Ejection Signatures. Report of Working Group B", 2006SSRv...123...177W ADS
- Bothmer, V., "The Solar Atmosphere and Space Weather", in P. Blondel and J. W. Mason (Eds.), Solar System Update, 1 2006ssu...book...1B ADS
- Howard, R., Moses, D., Vourlidas, A., et al., "The SECCHI Experiment on the STEREO Mission", 2006cosp...36...870H ADS
- Forsyth, R. J., Bothmer, V., Cid, C., et al., "ICMEs in the Inner Heliosphere: Origin, Evolution and Propagation Effects", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 383 2006cme...book...383F ADS
- Wimmer-Schweingruber, R. F., Crooker, N. U., Balogh, A., et al., "Understanding Interplanetary Coronal Mass Ejection Signatures", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 177 2006cme...book...177W ADS
- Bothmer, V. & Hady, A. A., "Solar Activity and its Magnetic Origin", 2006IAUS...233...7B ADS

- , "Solar Activity and its Magnetic Origin", 2006IAUS..233....B ADS
- Cremades, H., Bothmer, V., & Tripathi, D., "Properties of structured coronal mass ejections in solar cycle 23", 2006AdSpr..38..461C ADS
- McComas, D. J., Velli, M., Lewis, W. S., et al., "Solar Probe: Humanity's First Visit to a Star (Invited)", 2005ESASP.592..279M ADS
- Huttunen, K. E. J., Schwenn, R., Bothmer, V., & Koskinen, H. E. J., "Properties and geoeffectiveness of magnetic clouds in the rising, maximum and early declining phases of solar cycle 23", 2005AnGeo..23..625H ADS
- Bothmer, V., "Solar Cycle Variation of the Internal Magnetic Field Structure of CMEs", 2005IAUS..226..08B ADS
- Tripathi, D., Bothmer, V., Solanki, S. K., et al., "SoHO/EIT Observation of a Coronal Inflow", 2005IAUS..226..133T ADS
- Cremades, H. & Bothmer, V., "Geometrical Properties of Coronal Mass Ejections", 2005IAUS..226..48C ADS
- Veselovsky, I. S., Bothmer, V., Cargill, P., et al., "Magnetic storm cessation during sustained northward IMF", 2005AdSpr..36.2460V ADS
- Panasenco, O., Veselovsky, I. S., Dmitriev, A. V., et al., "Solar origins of intense geomagnetic storms in 2002 as seen by the CORONAS-F satellite", 2005AdSpr..36.1595P ADS
- Luhmann, J. G., Curtis, D. W., Lin, R. P., et al., "IMPACT: Science goals and firsts with STEREO", 2005AdSpr..36.1534L ADS
- St. Cyr, O. C., Cremades, H., Bothmer, V., Krall, J., & Burkepile, J. T., "Morphology Indicators of the Three-Dimensional Size of Flux Rope CMEs: A Prediction for STEREO", 2004AGUFM22A..04S ADS
- Veselovsky, I. S., Panasyuk, M. I., Avdyushin, S. I., et al., "Solar and Heliospheric Phenomena in October-November 2003: Causes and Effects", 2004CosRe..42..435V ADS
- Bothmer, V., "The Solar and Interplanetary Causes of Space Storms in Solar Cycle 23", 2004ITPS..32.1411B ADS
- Tripathi, D., Bothmer, V., & Cremades, H., "The basic characteristics of EUV post-eruptive arcades and their role as tracers of coronal mass ejection source regions", 2004A&A..422..337T ADS
- Cremades, H. & Bothmer, V., "On the three-dimensional configuration of coronal mass ejections", 2004A&A..422..307C ADS
- Tripathi, D., Bothmer, V., & Cremades, H., "VizieR Online Data Catalog: Solar EUV Post-Eruptive Arcades (Tripathi+, 2004)", 2004yCat..34220337T ADS
- Wuelser, J.-P., Lemen, J. R., Tarbell, T. D., et al., "EUVI: the STEREO-SECCHI extreme ultraviolet imager", 2004SPIE.5171..111W ADS
- Rochus, P. L., Defise, J.-M., Halain, J.-P., et al., "MAGRITTE: an instrument suite for the solar atmospheric imaging assembly (AIA) aboard the Solar Dynamics Observatory", 2004SPIE.5171..53R ADS
- Bothmer, V., Cremades, H., & Tripathi, D., "Determination of the source regions, 3-D structures and magnetic field configurations of CMEs at the Sun and in the interplanetary medium", 2004cosp..35.1976B ADS
- Tripathi, D., Bothmer, V., & Cremades, H., "Evolution of the photospheric magnetic field in the source regions of coronal mass ejections", 2004cosp..35.1966T ADS
- Cremades, H., Bothmer, V., & Tripathi, D., "Properties of Structured Coronal Mass Ejections in Solar Cycle 23", 2004cosp..35.1939C ADS
- Tsurutani, B. T., Gonzalez, W. D., Zhou, X. Y., Lepping, R. P., & Bothmer, V., "Properties of slow magnetic clouds", 2004JASTP..66..147T ADS
- Tripathi, D., Bothmer, V., Solanki, S. K., et al., "Plasma dynamics of a prominence associated coronal mass ejection", 2004IAUS..223..401T ADS
- Bothmer, V., "Sources of magnetic helicity over the solar cycle", 2003ESASP.535..419B ADS
- Zhukov, A. N., Veselovsky, I. S., Clette, F., et al., "Solar Wind Disturbances and Their Sources in the EUV Solar Corona", 2003AIPC..679..711Z ADS
- Zhukov, A., Veselovsky, I., Bothmer, V., et al., "Solar wind disturbances and their sources in the EUV solar corona", 2003EAEJA....2682Z ADS
- Bothmer, V., Cargill, P., Dmitriev, A., et al., "How to forecast geomagnetic storms reliably - The characteristics of storms in the rising phase of solar cycle 23", 2003EAEJA....2018B ADS
- Cremades, H., Bothmer, V., & Tripathi, D., "3D Magnetic Field Configuration and Evolution of Coronal Mass Ejections", 2003EAEJA....852C ADS
- Zhang, J., Dere, K. P., Howard, R. A., & Bothmer, V., "Identification of Solar Sources of Major Geomagnetic Storms between 1996 and 2000", 2003ApJ..582..520Z ADS
- Ivanov, K., Bothmer, V., Kharshiladze, A., Romashets, E., & Veselovsky, I., "Dynamics of open solar magnetic fields, active longitudes, and near earth disturbances", 2002ESASP.506..141I ADS
- Bothmer, V., Veselovsky, I. S., Dmitriev, A. V., et al., "Solar and Heliospheric Causes of Geomagnetic Perturbations during the Growth Phase of Solar Cycle 23", 2002SoSyR..36..499B ADS
- Klassen, A., Bothmer, V., Mann, G., et al., "Solar energetic electron events and coronal shocks", 2002A&A..385.1078K ADS
- Bothmer, V., Cargill, P., Romashets, E. P., & Veselovsky, I. S., "Solar and heliospheric origins of geomagnetic perturbations in the rising phase of Solar Cycle 23", 2002ESASP.477..331B ADS
- Ivanov, K. G., Bothmer, V., Cargill, P., et al., "Subsector structure of the interplanetary space - SOLSPA 2001", 2002ESASP.477..317I ADS
- Bothmer, V., "The solar sources of magnetic helicity in interplanetary space", 2002cosp..34E1390B ADS
- Veselovsky, I., Bothmer, V., Cargill, P., et al., "Magnetic storm cessation during sustained Northward IMF", 2002cosp..34E.420V ADS
- Mann, G. J., Klassen, A., Aurass, H., et al., "Formation and Development of Shock Waves in the Solar Corona and Near-Sun Interplanetary Space and Solar Energetic Particle Events", 2001AGUFM21B..03M ADS
- Bothmer, V., Sierks, H., Böhm, E., & Kunow, H., "³He-enrichments in solar energetic particle events: SOHO/COSTEP observations", 2001AIPC..598..349B ADS
- Klecker, B., Bothmer, V., Cummings, A. C., et al., "Galactic abundances: Report of working group 3", 2001AIPC..598..207K ADS
- Bothmer, V., Sierks, H., Böhm, E., & Kunow, H., "MeV He3/He4 isotope abundances in solar energetic particle events: SOHO/COSTEP observations", 2001ICRC...8.3095B ADS
- Mann, G., Klassen, A., Aurass, H., et al., "EIT Waves, Coronal Shock Waves, and Solar Energetic Particle Events", 2001pre5.conf..445M ADS
- Heber, B., Blake, J. B., Paizis, C., et al., "Recurrent modulation of galactic cosmic ray electrons and protons: Ulysses COSPIN/KET observations", 2000AIPC..528..357H ADS
- Laitinen, T., Klein, K. L., Kocharov, L., et al., "Solar energetic particle event and radio bursts associated with the 1996 July 9 flare and coronal mass ejection", 2000A&A..360..729L ADS
- Posner, A., Bothmer, V., Kunow, H., et al., "Energetic Particle Signatures of a Corotating Interaction Region from a High Latitude Coronal Hole: SOHO, Wind and Ulysses Observations", 2000AdSpr..26..865P ADS
- Bothmer, V., "SOHO und das neue Bild der Sonne.", 1999A&R....36..28B ADS
- Kahler, S. W., Cane, H. V., Hudson, H. S., et al., "Reply", 1999JGR...10422411K ADS
- Crooker, N. U., Gosling, J. T., Bothmer, V., et al., "CIR Morphology, Turbulence, Discontinuities, and Energetic Particles", 1999SSRv...89..179C ADS
- Balogh, A., Bothmer, V., Crooker, N. U., et al., "The Solar Origin of Corotating Interaction Regions and Their Formation in the Inner Heliosphere", 1999SSRv...89..141B ADS
- Heber, B., Ferrando, P., Raviart, A., et al., "Differences in the temporal variations of galactic cosmic ray electrons and protons: Implications from Ulysses at solar minimum", 1999GeoRL..26.2133H ADS
- Bothmer, V., "Magnetic field structure and topology within CMEs in the solar wind", 1999AIPC..471..119B ADS
- Posner, A., Bothmer, V., Thompson, B. J., et al., "In-ecliptic CIR-associated energetic particle events and polar coronal hole structures: SOHO/COSTEP observations for the Whole Sun Month Campaign", 1999JGR...104.9881P ADS
- Bothmer, V., "Solar Corona, Solar Wind Structure and Solar Particle Events", 1999spwe.work..117B ADS
- Crooker, N. U., Gosling, J. T., Bothmer, V., et al., "CIR Morphology, Turbulence, Discontinuities, and Energetic Particles", in A. Balogh, J. T. Gosling, J. R. Jokipii, R. Kallenbach, and H. Kunow (Eds.), Corotating Interaction Regions. Series: Space Sciences Series of ISSI, Vol. 7, 179-220 1999cir..book..179C ADS
- Balogh, A., Bothmer, V., Crooker, N. U., et al., "The Solar Origin of Corotating Interaction Regions and their Formation in the Inner Heliosphere", in A. Balogh, J. T. Gosling, J. R. Jokipii, R. Kallenbach, and H. Kunow (Eds.), Corotating Interaction Regions. Series: Space Sciences Series of ISSI, Vol. 7, 141-178 1999cir..book..141B ADS
- Paizis, C., Heber, B., Ferrando, P., et al., "Amplitude evolution and rigidity dependence of the 26-day recurrent cosmic ray decreases: COSPIN/KET results", 1999JGR...10428241P ADS
- Heber, B., Raviart, A., Ferrando, P., et al., "Determination of 7-30 MeV electron intensities: ULYSSES COSPIN/KET Results", 1999ICRC....7..186H ADS
- Ferrando, P., Raviart, A., Heber, B., et al., "Observation of a 7 MeV Electron Super-flux at 5 AU by Ulysses", 1999ICRC....7..135F ADS
- Heber, B., Ferrando, P., Raviart, A., et al., "Charge sign dependent modulation: Ulysses COSPIN/KET results", 1999ICRC....7..99H ADS
- McKenna-Lawlor, S. M. P., Kecskemety, K., et al., "Solar Energetic Particle Events recorded aboard SOHO on December 24, 1996 and on May 6, 1998", 1999ICRC....6..423M ADS
- Kecskemety, K., Kunow, H., Valtonen, E., et al., "Energy spectra of protons, deuterium, and helium nuclei during quiet solar activity periods in 1996-97", 1999ICRC....6..167K ADS
- Belov, A. V., Eroshenko, E. A., Heber, B., et al., "Latitudinal and radial variation of >2 GeV/n protons and α -particles in the northern heliosphere: ulysses cospin/ket and neutron monitor network observations", 1999AdSpr..23..443B ADS

- Kahler, S. W., Cane, H. V., Hudson, H. S., et al., “*The solar energetic particle event of April 14, 1994, as a probe of shock formation and particle acceleration*”, 1998JGR...10312069K [ADS](#)
- Heber, B., Bothmer, V., Dröge, W., et al., “*Latitudinal distribution of >106MeV protons and its relation to the ambient solar wind in the inner southern and northern heliosphere: Ulysses Cosmic and Solar Particle Investigation Kiel Electron Telescope results*”, 1998JGR...103.4809H [ADS](#)
- Desai, M. I., Bothmer, V., Marsden, R. G., et al., “*Acceleration in Energetic Ions (1 MeV) in Corotating Interaction Regions*”, 1998paac.conf..555D [ADS](#)
- Bothmer, V., Bougeret, J. L., Cargill, P., et al., “*European Plans for the Solar/Heliospheric Stereo Mission*”, 1998ESASP.417..145B [ADS](#)
- Bothmer, V. & Schwenn, R., “*The structure and origin of magnetic clouds in the solar wind*”, 1998AnGeo..16...1B [ADS](#)
- Desai, M. I., Bothmer, V., Marsden, R. G., et al., “*Acceleration in energetics ions (1MeV) in corotating interaction regions*”, 1998AdSpR..21..555D [ADS](#)
- Posner, A., Bothmer, V., Kunow, H., et al., “*Fluxes of MeV Particles at Earth's Orbit and their Relationship with the Global Structure of the Solar Corona: Observations from SOHO*”, 1997ESASP.415..377P [ADS](#)
- Heber, B., Bothmer, V., Dröge, W., et al., “*Spatial Evolution of 26-day Recurrent Galactic Cosmic Ray Decreases: Correlated Ulysses COSPIN/KET and SOHO COSTEP Observations*”, 1997ESASP.415..331H [ADS](#)
- Bothmer, V., Posner, A., Kunow, H., et al., “*Solar Energetic Particle Events and Coronal Mass Ejections: New Insights from SOHO*”, 1997ESASP.415..207B [ADS](#)
- Pick, M., Maia, D., Howard, R., et al., “*Development of Coronal Mass Ejections and Association with Interplanetary Events*”, 1997ESASP.415..195P [ADS](#)
- Kahler, S. W., Cane, H. V., Hudson, H. S., et al., “*The Solar Energetic Particle Event of 14 April 1994 as a Probe of Shock Formation and Particle Acceleration*”, 1997AAS...191.7412K [ADS](#)
- Kiraly, P., Bothmer, V., Kecskemeti, K., et al., “*Search for the Origin of Quiet-Time Particle Fluxes in the Inner Heliosphere*”, 1997ICRC...2..477K [ADS](#)
- Raviart, A., Ferrando, P., Heber, B., et al., “*Evolution of Cosmic Ray Electron Spectra above 350 MeV along the Ulysses Trajectory*”, 1997ICRC...2...37R [ADS](#)
- Kunow, H., Heber, B., Raviart, A., et al., “*Time and Energy Dependence of 26-Day Recurrent Decreases of >100 MeV Protons in the Inner Southern Heliosphere and its Correlation to Latitudinal Gradients: Ulysses COSPIN/KET Results*”, 1997ICRC...1..381K [ADS](#)
- Kunow, H. & Bothmer, V., “*Development and Effects of Corotating Interaction Regions: Workshop Report*”, 1997ICRC...1..357K [ADS](#)
- Bothmer, V., Heber, B., Kunow, H., Müller-Mellin, R., & Wibberenz, G., “*The Effects of Coronal Mass Ejections on Galactic Cosmic Rays in the High Latitude Heliosphere: Observations from Ulysses' First Orbit*”, 1997ICRC...1..333B [ADS](#)
- Müller-Mellin, R., Bothmer, V., Kunow, H., et al., “*EPHIN Observations of Energetic Particles during Solar Minimum*”, 1997ICRC...1..301M [ADS](#)
- Trattner, K. J., Marsden, R. G., Bothmer, V., et al., “*ULYSSES COSPIN/LET: latitudinal gradients of anomalous cosmic ray O, N and Ne.*”, 1996A&A...316..519T [ADS](#)
- Buttighoffer, A., Pick, M., Raviart, A., et al., “*Joint ULYSSES and WIND observations of a particle event in April 1995.*”, 1996A&A...316..499B [ADS](#)
- Bothmer, V., Desai, M. I., Marsden, R. G., et al., “*ULYSSES observations of open and closed magnetic field lines within a coronal mass ejection.*”, 1996A&A...316..493B [ADS](#)
- Bothmer, V., Marsden, R. G., Sanderson, T. R., et al., “*Energetic particles and coronal mass ejections in the high latitude heliosphere: Ulysses-LET observations*”, 1996AIPC..382..445B [ADS](#)
- Sanderson, T. R., Bothmer, V., Marsden, R. G., et al., “*Ulysses observations of energetic ions over the south pole of the sun*”, 1996AIPC..382..411S [ADS](#)
- Schmidt, W. K. H. & Bothmer, V., “*Stereoscopic viewing of solar coronal and interplanetary activity*”, 1996AdSpR..17d.369S [ADS](#)
- Bothmer, V. & Schwenn, R., “*Signatures of fast CMEs in interplanetary space*”, 1996AdSpR..17d.319B [ADS](#)
- Bothmer, V., Marsden, R. G., Sanderson, T. R., et al., “*The Ulysses south polar pass: Transient fluxes of energetic ions*”, 1995GeoRL..22.3369B [ADS](#)
- Sanderson, T. R., Bothmer, V., Marsden, R. G., et al., “*The Ulysses south polar pass: Energetic ion observations*”, 1995GeoRL..22.3357S [ADS](#)
- Trattner, K. J., Marsden, R. G., Bothmer, V., et al., “*The Ulysses south polar pass: Anomalous component of cosmic rays*”, 1995GeoRL..22.3349T [ADS](#)
- Bothmer, V., Sanderson, T. R., Marsden, R. G., et al., “*Energetic particles and coronal mass ejections in the high latitude heliosphere: Ulysses-LET observations*”, 1995sowi.conf...47B [ADS](#)
- Sanderson, T. R., Marsden, R. G., Bothmer, V., et al., “*ULYSSES observations of energetic ions over the south pole of the Sun*”, 1995sowi.conf...44S [ADS](#)
- Simpson, J. A., Anglin, J. D., Bothmer, V., et al., “*Cosmic Ray and Solar Particle Investigations Over the South Polar Regions of the Sun*”, 1995Sci...268.1019S [ADS](#)
- Bothmer, V. & Schwenn, R., “*Eruptive prominences as sources of magnetic clouds in the solar wind*”, 1994SSRv...70..215B [ADS](#)
- Webb, D., Jackson, B., Hick, P., et al., “*Comparison of CMEs, magnetic clouds, and bidirectionally streaming proton events in the heliosphere using helios data*”, 1993AdSpR..13i..71W [ADS](#)
- Bothmer, V. & Schwenn, R., “*Magnetic cloud observations by the HELIOS spacecraft*”, 1992sws..coll..599B [ADS](#)
- Bothmer, V. & Schwenn, R., “*Magnetic structures at sector boundaries in the inner heliosphere*”, 1992sws..coll..151B [ADS](#)