

Bibliography from ADS file: schmieder.bib  
 September 14, 2022

- Verbeke, C., Schmieder, B., Démoulin, P., et al., “Over-expansion of coronal mass ejections modelled using 3D MHD EUHFORIA simulations”, 2022AdSpR..70.1663V [ADS](#)
- Devi, P., Chandra, R., Joshi, R., et al., “Prominence oscillations activated by an EUV wave”, 2022AdSpR..70.1592D [ADS](#)
- Schmieder, B., Joshi, R., & Chandra, R., “Solar jets observed with the Interface Region Imaging Spectrograph (IRIS)”, 2022AdSpR..70.1580S [ADS](#)
- Mandrini, C. H. & Schmieder, B., “Preface: Magnetic flux ropes in solar environments”, 2022AdSpR..70.1547M [ADS](#)
- Peat, A., Labrosse, N., Barczynski, K., & Schmieder, B., “Solar prominence diagnostics from non-LTE modelling of Mgii h&k line profiles”, 2022cosp...44.2542P [ADS](#)
- Joshi, R., Vilmer, N., Chandra, R., et al., “Mini solar flare and jet due to small scale surface motions”, 2022cosp...44.2535J [ADS](#)
- Berlicki, A., Heinzel, P., Schmieder, B., & Michalina Litwicka, M., “New Insight into UV Compact Bursts - Statistical Analysis of IRIS Data”, 2022cosp...44.2532B [ADS](#)
- Devi, P., Awasthi, A. K., Chandra, R., Joshi, R., & Schmieder, B., “Coronal Seismology using the loops Oscillations triggered by an EUV wave”, 2022cosp...44.2489D [ADS](#)
- Schmieder, B., Dasso, S., Grison, B., et al., “Pressure balance of coronal mass ejections during their Sun-Earth journey modelled by 3D MHD EUHFORIA simulations”, 2022cosp...44.2474S [ADS](#)
- Prete, G., Carbone, V., Wijnen, N., et al., “EUHFORIA modeling of slow CMEs with well-defined magnetic signatures”, 2022cosp...44.2467P [ADS](#)
- Perri, B., Poedts, S., & Schmieder, B., “Impact of the solar activity cycle on the propagation of ICMEs”, 2022cosp...44.2444P [ADS](#)
- Linan, L., Keppens, R., Maharana, A., Poedts, S., & Schmieder, B., “Implementation of the Soloviev equilibrium as a new CME model in EUHFORIA”, 2022cosp...44.2431L [ADS](#)
- Schmieder, B., Mandrini, C. H., Chandra, R., et al., “Formation of a flux rope inside an active region and its failed eruption”, 2022cosp...44.2418S [ADS](#)
- Joshi, R., Chandra, R., Moreno-Insertis, J., Fernando, P., Luna, M., & Schmieder, B., “Detection of Large Amplitude Oscillations in Solar Filaments Caused by Jets”, 2022cosp...44.2417J [ADS](#)
- Maharana, A., Scolini, C., Poedts, S., & Schmieder, B., “Modelling the geo-effectiveness of the CME-CME interaction event of early September 2014”, 2022cosp...44.1391M [ADS](#)
- Liu, Y., Ruan, G. P., Schmieder, B., et al., “Fan-shaped jet close to a light bridge”, 2022arXiv220713246L [ADS](#)
- Joshi, R., Mandrini, C. H., Chandra, R., et al., “Analysis of the Evolution of a Multi-Ribbon Flare and Failed Filament Eruption”, 2022SoPh..297...81J [ADS](#)
- Labrosse, N., Rodger, A. S., Radziszewski, K., et al., “First high resolution interferometric observation of a solar prominence with ALMA”, 2022MNRAS.513L..30L [ADS](#)
- Zhao, J., Su, J., Yang, X., et al., “Chromospheric Recurrent Jets in a Sunspot Group and Their Intergranular Origin”, 2022ApJ...932...95Z [ADS](#)
- Jejčić, S., Heinzel, P., Schmieder, B., et al., “Non-LTE Inversion of Prominence Spectroscopic Observations in H $\alpha$  and Mg II h&k lines”, 2022ApJ...932...33J [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](#)
- Schmieder, B., “Solar Jets: SDO and IRIS Observations in the Perspective of New MHD Simulations”, 2022FrASS...920183S [ADS](#)
- Schmieder, B., Joshi, R., Chandra, R., et al., “Empirical atmosphere model in a mini flare during magnetic reconnection”, 2021arXiv211206790S [ADS](#)
- Chandra, R., Démoulin, P., Devi, P., Joshi, R., & Schmieder, B., “Filament Eruption Driving EUV Loop Contraction and Then Expansion above a Stable Filament”, 2021ApJ...922..227C [ADS](#)
- Joshi, R., Schmieder, B., Heinzel, P., et al., “Balmer continuum enhancement detected in a mini flare observed with IRIS”, 2021A&A...654A..31J [ADS](#)
- Chandra, R., Chen, P. F., Devi, P., et al., “Fine Structures of an EUV Wave Event from Multi-viewpoint Observations”, 2021ApJ...919...9C [ADS](#)
- Barczynski, K., Schmieder, B., Peat, A. W., et al., “Spectro-imagery of an active tornado-like prominence: Formation and evolution”, 2021A&A...653A..94B [ADS](#)
- Peat, A. W., Labrosse, N., Schmieder, B., & Barczynski, K., “Solar prominence diagnostics from non-LTE modelling of Mg II h&k line profiles”, 2021A&A...653A..5P [ADS](#)
- Schmieder, B., Verbeke, C., Chané, E., et al., “ICMEs and low plasma density in the solar wind observed at L1”, 2021EGUGA..23.1799S [ADS](#)
- Chané, E., Schmieder, B., Dasso, S., et al., “Over-expansion of a coronal mass ejection generates sub-Alfvénic plasma conditions in the solar wind at Earth”, 2021A&A...647A.149C [ADS](#)
- Devi, P., Démoulin, P., Chandra, R., et al., “Observations of a prominence eruption and loop contraction”, 2021A&A...647A..85D [ADS](#)
- Verbeke, C., Schmieder, B., Rodríguez, L., et al., “Modeling Coronal Mass Ejections with EUHFORIA”, 2021cosp...43E2358V [ADS](#)
- Gunár, S., Schmieder, B., Aulanier, G., et al., “Links between prominence/filament magnetic field and plasma: What can 3D WPFS models teach us?”, 2021cosp...43E1769G [ADS](#)
- Schmieder, B., Aulanier, G., Gunár, S., Dudik, J., & Heinzel, P., “Magnetic support of the solar filaments”, 2021cosp...43E1766S [ADS](#)
- Heinzel, P., Schmieder, B., Ruan, G., et al., “Spectral inversion of H-alpha and MgII lines in quiescent prominences”, 2021cosp...43E1764H [ADS](#)
- Schmieder, B., Aulanier, G., Janvier, M., Masson, S., & Barczynski, K., “Signature of the expansion of eruptive flux ropes measured by electric currents”, 2021cosp...43E1758S [ADS](#)
- Joshi, R., Schmieder, B., Aulanier, G., Chandra, R., & Bommier, V., “Twist transfer to a solar jet from a big flux rope detected in the HMI magnetogram”, 2021cosp...43E1752J [ADS](#)
- Schmieder, B., Poedts, S., Grison, B., et al., “Initiation of CMEs and their geo-effectiveness”, 2021cosp...43E1013S [ADS](#)
- Barczynski, K., Schmieder, B., Mein, P., et al., “Active tornado in a prominence observed in H-alpha with MSDP and Mg II with IRIS”, 2021cosp...43E.973B [ADS](#)
- Lörincík, J., Dudík, J., Aulanier, G., Schmieder, B., & Golub, L., “Imaging Evidence for Solar Wind Outflows Originating from a Coronal Mass Ejection Footpoint”, 2021ApJ...906...62L [ADS](#)
- Joshi, R., Schmieder, B., Tei, A., et al., “Multi-thermal atmosphere of a mini-solar flare during magnetic reconnection observed with IRIS”, 2021A&A...645A..80J [ADS](#)
- Joshi, R., Schmieder, B., Aulanier, G., Bommier, V., & Chandra, R., “The role of small-scale surface motions in the transfer of twist to a solar jet from a remote stable flux rope”, 2020A&A...642A.169J [ADS](#)
- Joshi, R., Chandra, R., Schmieder, B., et al., “Case study of multi-temperature coronal jets for emerging flux MHD models”, 2020A&A...639A..22J [ADS](#)
- Pick, M., Magdalenić, J., Cornilleau-Wehrlin, N., et al., “Role of the Coronal Environment in the Formation of Four Shocks Observed without Coronal Mass Ejections at Earth’s Lagrangian Point L1”, 2020ApJ...895...144P [ADS](#)
- Schmieder, B., Kim, R. S., Grison, B., et al., “Low Geo-Effectiveness of Fast Halo CMEs Related to the 12 X-Class Flares in 2002”, 2020JGRA..12527529S [ADS](#)
- Joshi, R., Chandra, R., Schmieder, B., et al., “Quasi Periodic Oscillations in the Pre Phases of Recurrent Jets Highlighting Plasmoids in Current Sheet”, 2020EGUGA..2222351J [ADS](#)
- Schmieder, B., Poedts, S., & Verbeke, C., “Can we explain the low geo-effectiveness of the fast halo CMEs in 2002 with EUHFORIA?”, 2020EGUGA..22.5543S [ADS](#)
- Barczynski, K., Aulanier, G., Janvier, M., Schmieder, B., & Masson, S., “Electric Current Evolution at the Footpoints of Solar Eruptions”, 2020ApJ...895...18B [ADS](#)
- Mackay, D. H., Schmieder, B., López Ariste, A., & Su, Y., “Modelling and observations: Comparison of the magnetic field properties in a prominence”, 2020A&A...637A..3M [ADS](#)
- Dudík, J., Lörincík, J., Aulanier, G., Zemanová, A., & Schmieder, B., “Observation of All Pre- and Post-reconnection Structures Involved in Three-dimensional Reconnection Geometries in Solar Eruptions”, 2019ApJ...887...71D [ADS](#)
- Ruan, G., Jejčić, S., Schmieder, B., et al., “Diagnostics of the Prominence Plasma from H $\alpha$  and Mg II Spectral Observations”, 2019ApJ...886..134R [ADS](#)
- Ruan, G., Schmieder, B., Masson, S., et al., “Bidirectional Reconnection Outflows in an Active Region”, 2019ApJ...883...52R [ADS](#)
- Yang, H., Lim, E.-K., Iijima, H., et al., “Vortex Formations and Its Associated Surges in a Sunspot Light Bridge”, 2019ApJ...882..175Y [ADS](#)
- Schmieder, B., “Reminiscences”, 2019SoPh..294...53S [ADS](#)
- Bocchialini, K., Grison, B., Menvielle, M., et al., “Erratum: Correction to: Statistical Analysis of Solar Events Associated with Storm Sudden Commencements over One Year of Solar Maximum During Cycle 23: Propagation from the Sun to the Earth and Effects”, 2019SoPh..294...38B [ADS](#)
- Schmieder, B., Kim, R., Grison, B., Bocchialini, K., & Kwon, Y., “Geo-effectiveness of the 12 X-class flares in 2002”, 2019EGUGA..21.1876S [ADS](#)
- Zapiór, M., Schmieder, B., Mein, P., et al., “Exploration of long-period oscillations in an H $\alpha$  prominence”, 2019A&A...623A.144Z [ADS](#)
- Joshi, N. C., Zhu, X., Schmieder, B., et al., “Generalization of the Magnetic Field Configuration of Typical and Atypical Confined Flares”, 2019ApJ...871..165J [ADS](#)

- Young, P. R., Tian, H., Peter, H., et al., “*Solar Ultraviolet Bursts*”, 2018SSRv..214..120Y [ADS](#)
- Aulanier, G., Dudik, J., Zuccarello, F. P., Demoulin, P., & Schmieder, B., “*The nature of imploding loops during solar eruptions as revealed by MHD simulations and AIA observations*”, 2018csc..confE..19A [ADS](#)
- Schmieder, B., “*Extreme solar storms based on solar magnetic field*”, 2018JASTP.180...46S [ADS](#)
- Gunár, S., Dudík, J., Aulanier, G., Schmieder, B., & Heinzel, P., “*Importance of the H $\alpha$  Visibility and Projection Effects for the Interpretation of Prominence Fine-structure Observations*”, 2018ApJ...867..115G [ADS](#)
- Ruan, G., Schmieder, B., Mein, P., et al., “*On the Dynamic Nature of a Quiescent Prominence Observed by IRIS and MSDP Spectrographs*”, 2018ApJ...865..123R [ADS](#)
- Roudier, T., Schmieder, B., Filippov, B., Chandra, R., & Malherbe, J. M., “*Horizontal photospheric flows trigger a filament eruption*”, 2018A&A...618A..43R [ADS](#)
- Chandra, R., Chen, P. F., Joshi, R., Joshi, B., & Schmieder, B., “*Observations of Two Successive EUV Waves and Their Mode Conversion*”, 2018ApJ...863..101C [ADS](#)
- Schmieder, B., Aulanier, G., Dalmasse, K., et al., “*Signature of flux ropes before and after eruptions: electric currents in active regions*”, 2018cosp...42E3026S [ADS](#)
- Schmieder, B., Mein, P., Zapior, M., Labrosse, N., & López Ariste, A., “*Prominence/Tornado plasma parameters*”, 2018cosp...42E3025S [ADS](#)
- Gunár, S., Schmieder, B., Aulanier, G., et al., “*Can 3D whole-prominence fine structure models be used for assessment of the prominence plasma mass and distribution prior to the onset of CMEs?*”, 2018cosp...42E1316G [ADS](#)
- Gunár, S., Schmieder, B., Ruan, G., Mein, P., & Heinzel, P., “*Dynamics in quiescent prominences observed by the IRIS and MSDP spectrographs*”, 2018cosp...42E1314G [ADS](#)
- Bocchialini, K., Grison, B., Menvielle, M., et al., “*Statistical Analysis of Solar Events Associated with Storm Sudden Commencements over One Year of Solar Maximum During Cycle 23: Propagation from the Sun to the Earth and Effects*”, 2018SoPh..293..75B [ADS](#)
- Chian, A. C. L., Miranda, R. A., Rempel, E. L., & Schmieder, B., “*Kinematic and magnetic coherent structures in solar and stellar turbulence*”, 2018IAUS..340..285C [ADS](#)
- Schmieder, B. & Aulanier, G., “*Geoeffective events through solar cycles*”, 2018IAUS..340..255S [ADS](#)
- Schmieder, B. & Aulanier, G., “*Solar Active Region Electric Currents Before and During Eruptive Flares*”, 2018GMS...235..391S [ADS](#)
- Bocchialini, K., Grison, B., Menvielle, M., et al., “*Statistical Analysis of Solar Events Associated with Storm Sudden Commencements over One Year of Solar Maximum during Cycle 23: Propagation and Effects from the Sun to the Earth.*”, 2017sf2a.conf..181B [ADS](#)
- Luna, M., Su, Y., Schmieder, B., Chandra, R., & Kucera, T. A., “*Large-amplitude Longitudinal Oscillations Triggered by the Merging of Two Solar Filaments: Observations and Magnetic Field Analysis*”, 2017ApJ...850..143L [ADS](#)
- Cornilleau-Wehrlin, N., Bocchialini, K., Menvielle, M., et al., “*Statistical analysis of solar events associated with SSC over year of solar maximum during cycle 23: 2. Characterisation on the Sun-Earth path - Geoeffectiveness*”, 2017AGUFMSH3IA2712C [ADS](#)
- Grison, B., Bocchialini, K., Menvielle, M., et al., “*Statistical Analysis of Solar Events Associated with SSC over Year of Solar Maximum during Cycle 23: I. Identification of Related Sun-Earth Events*”, 2017AGUFMSH3IA2711G [ADS](#)
- Joshi, R., Schmieder, B., Chandra, R., et al., “*Slippage of Jets Explained by the Magnetic Topology of NOAA Active Region 12035*”, 2017SoPh..292..152J [ADS](#)
- Levens, P. J., Labrosse, N., Schmieder, B., López Ariste, A., & Fletcher, L., “*Comparing UV/EUV line parameters and magnetic field in a quiescent prominence with tornadoes*”, 2017A&A...607A..16L [ADS](#)
- Schmieder, B., Zapíor, M., López Ariste, A., et al., “*Reconstruction of a helical prominence in 3D from IRIS spectra and images*”, 2017A&A..606A..30S [ADS](#)
- Schmieder, B., Levens, P., Labrosse, N., et al., “*Prominence and tornado dynamics observed with IRIS and THEMIS*”, 2017SPD....4820104S [ADS](#)
- Dudík, J., Zuccarello, F. P., Aulanier, G., Schmieder, B., & Démoulin, P., “*Expanding and Contracting Coronal Loops as Evidence of Vortex Flows Induced by Solar Eruptions*”, 2017ApJ...844..54D [ADS](#)
- Chandra, R., Filippov, B., Joshi, R., & Schmieder, B., “*Two-Step Filament Eruption During 14 - 15 March 2015*”, 2017SoPh..292..81C [ADS](#)
- Zuccarello, F. P., Chandra, R., Schmieder, B., Aulanier, G., & Joshi, R., “*Transition from eruptive to confined flares in the same active region*”, 2017A&A..601A..26Z [ADS](#)
- Cornilleau-Wehrlin, N., Bocchialini, K., Menvielle, M., et al., “*Statistical analysis of solar events associated with SSC over one year of solar maximum during cycle 23: propagation and effects from the Sun to the Earth*”, 2017EGUGA..19..3689C [ADS](#)
- Schmieder, B., “*Solar filament eruptions and their physical role in triggering Coronal Mass Ejections*”, 2017EGUGA..19..2767S [ADS](#)
- Zuccarello, F. P., Aulanier, G., Dudík, J., et al., “*Vortex and Sink Flows in Eruptive Flares as a Model for Coronal Implosions*”, 2017ApJ...837..115Z [ADS](#)
- Zhao, J., Schmieder, B., Li, H., et al., “*Observational Evidence of Magnetic Reconnection for Brightenings and Transition Region Arcades in IRIS Observations*”, 2017ApJ...836..52Z [ADS](#)
- Chandra, R., Mandrini, C. H., Schmieder, B., et al., “*Blowout jets and impulsive eruptive flares in a bald-patch topology*”, 2017A&A...598A..41C [ADS](#)
- Chandra Joshi, N., Schmieder, B., Magara, T., Guo, Y., & Aulanier, G., “*Successive Magnetic Reconnections Observed during Sympathetic Eruptions*”, 2017psio.confE.120C [ADS](#)
- Schmieder, B., Mein, P., Mein, N., et al., “*H $\alpha$  Doppler shifts in a tornado in the solar corona*”, 2017A&A...597A.109S [ADS](#)
- Ni, L., Lin, J., Roussev, I. I., & Schmieder, B., “*Heating Mechanisms in the Low Solar Atmosphere through Magnetic Reconnection in Current Sheets*”, 2016ApJ...832..195N [ADS](#)
- Grubecka, M., Schmieder, B., Berlicki, A., et al., “*Height formation of bright points observed by IRIS in Mg II line wings during flux emergence*”, 2016A&A...593A..32G [ADS](#)
- Levens, P. J., Schmieder, B., López Ariste, A., et al., “*Magnetic Field in Atypical Prominence Structures: Bubble, Tornado, and Eruption*”, 2016ApJ...826..164L [ADS](#)
- Schmieder, B., Bocchialini, K., & Menvielle, M., “*Statistical analysis of CMEs' geoeffectiveness over one year of solar maximum during cycle 23*”, 2016cosp...41E1751S [ADS](#)
- Schmieder, B., Aulanier, G., Janvier, M., et al., “*Evidence of flux rope and sigmoid in Active Regions prior eruptions*”, 2016cosp...41E1750S [ADS](#)
- Schmieder, B., Labrosse, N., Levens, P., & López Ariste, A., “*Prominence plasma and magnetic field structure - A coordinated observation with IRIS, Hinode and THEMIS*”, 2016cosp...41E1749S [ADS](#)
- Joshi, N. C., Filippov, B., Schmieder, B., et al., “*Interaction of Two Filament Channels of Different Chiralities*”, 2016ApJ...825..123J [ADS](#)
- Zhao, J., Gilchrist, S. A., Aulanier, G., et al., “*Erratum: “Hooked Flare Ribbons and Flux-rope Related QSL Footprints”<A href=“/abs/2016ApJ...823..62Z”>(2016, ApJ, 823, 62)</A>*”, 2016ApJ...825..80Z [ADS](#)
- Zhao, J., Gilchrist, S. A., Aulanier, G., et al., “*Hooked Flare Ribbons and Flux-rope-related QSL Footprints*”, 2016ApJ...823..62Z [ADS](#)
- Dudík, J., Polito, V., Janvier, M., et al., “*Slipping Magnetic Reconnection, Chromospheric Evaporation, Implosion, and Precursors in the 2014 September 10 XI.6-Class Solar Flare*”, 2016ApJ...823..41D [ADS](#)
- Joshi, N. C., Schmieder, B., Magara, T., Guo, Y., & Aulanier, G., “*Chain Reconnections Observed in Sympathetic Eruptions*”, 2016ApJ...820..126J [ADS](#)
- Schmieder, B., Levens, P., Dalmasse, K., et al., “*Magnetic Field and Plasma Diagnostics from Coordinated Prominence Observations*”, 2016ASP..504..119S [ADS](#)
- Levens, P. J., Schmieder, B., Labrosse, N., & López Ariste, A., “*Structure of Prominence Legs: Plasma and Magnetic Field*”, 2016ApJ...818..31L [ADS](#)
- Wedemeyer, S., Fleck, B., Battaglia, M., et al., “*ALMA Observations of the Sun in Cycle 4 and Beyond*”, 2016arXiv160100587W [ADS](#)
- Schmieder, B., Zuccarello, F. P., Aulanier, G., et al., “*Role of “X point” in Flares and Filament Interactions*”, 2016CEAB..40..35S [ADS](#)
- Schmieder, B., Aulanier, G., & Vršnak, B., “*Flare-CME Models: An Observational Perspective (Invited Review)*”, 2015SoPh..290..3457S [ADS](#)
- Ofman, L., Knizhnik, K., Kucera, T., & Schmieder, B., “*Nonlinear MHD Waves in a Prominence Foot*”, 2015ApJ...813..1240 [ADS](#)
- Schmieder, B., López Ariste, A., Levens, P., Labrosse, N., & Dalmasse, K., “*Polarimetric measurements in prominences and “tornadoe” observed by THEMIS*”, 2015IAUS..305..275S [ADS](#)
- Levens, P. J., Labrosse, N., Fletcher, L., & Schmieder, B., “*A solar tornado observed by EIS. Plasma diagnostics*”, 2015A&A...582A..27L [ADS](#)
- Cremades, H., Mandrini, C. H., Schmieder, B., & Crescitelli, A. M., “*Coronal Mass Ejections from the Same Active Region Cluster: Two Different Perspectives*”, 2015SoPh..290..1671C [ADS](#)
- Heinzel, P., Schmieder, B., Mein, N., & Gunár, S., “*Understanding the Mg II and H $\alpha$  Spectra in a Highly Dynamical Solar Prominence*”, 2015ApJ...800L..13H [ADS](#)
- Dalmasse, K., Chandra, R., Schmieder, B., & Aulanier, G., “*Can we explain atypical solar flares?*”, 2015A&A...574A..37D [ADS](#)
- Dalmasse, K., Chandra, R., Schmieder, B., & Aulanier, G., “*VizieR Online Data Catalog: Movies of 2012-10-16 solar flare (Dalmasse+, 2015)*”, 2015yCat..35740037D [ADS](#)
- Schmieder, B., Archontis, V., & Pariat, E., “*Magnetic Flux Emergence Along the Solar Cycle*”, in A. Balogh, H. Hudson, K. Petrovay, and R. von Steiger (Eds.), *The Solar Activity Cycle*, Vol. 53, 227 2015sac..book..227S [ADS](#)

- Schmieder, B., Archontis, V., & Pariat, E., “*Magnetic Flux Emergence Along the Solar Cycle*”, 2014SSRv..186..227S [ADS](#)
- Guo, Y., Démoulin, P., Schmieder, B., et al., “*Recurrent Coronal Jets Induced by Magnetic Emergence in the Solar Atmosphere*”, 2014RMxAC..44...45G [ADS](#)
- Schmieder, B., Tian, H., Kucera, T., et al., “*Open questions on prominences from coordinated observations by IRIS, Hinode, SDO/AIA, THEMIS, and the Meudon/MSDP*”, 2014A&A...569A..85S [ADS](#)
- Delannéée, C., Artzner, G., Schmieder, B., & Parenti, S., “*Time Evolution of the Altitude of an Observed Coronal Wave*”, 2014SoPh..289.2565D [ADS](#)
- Gunár, S., Schwartz, P., Dudík, J., et al., “*Magnetic field and radiative transfer modelling of a quiescent prominence*”, 2014A&A...567A.123G [ADS](#)
- Mandrini, C. H., Schmieder, B., Démoulin, P., Guo, Y., & Cristiani, G. D., “*Topological Analysis of Emerging Bipole Clusters Producing Violent Solar Events*”, 2014SoPh..289.2041M [ADS](#)
- Janvier, M., Aulanier, G., Bommier, V., et al., “*Electric Currents in Flare Ribbons: Observations and Three-dimensional Standard Model*”, 2014ApJ...788...60J [ADS](#)
- Zhao, J., Li, H., Pariat, E., et al., “*Temporal Evolution of the Magnetic Topology of the NOAA Active Region 11158*”, 2014ApJ...787...88Z [ADS](#)
- Chian, A. C. L., Rempel, E. L., Aulanier, G., et al., “*Detection of Coherent Structures in Photospheric Turbulent Flows*”, 2014ApJ...786...51C [ADS](#)
- Dudík, J., Janvier, M., Aulanier, G., et al., “*Slipping Magnetic Reconnection during an X-class Solar Flare Observed by SDO/AIA*”, 2014ApJ...784..144D [ADS](#)
- Schmieder, B., Roudier, T., Mein, N., et al., “*Proper horizontal photospheric flows in a filament channel*”, 2014A&A...564A.104S [ADS](#)
- Schmieder, B., Kucera, T. A., Knizhnik, K., et al., “*Erratum: “Propagating Waves Transverse to the Magnetic Field in a Solar Prominence”* <A href=“abs/2013ApJ...777..108S”>(2013, ApJ, 777, 108)</A>”, 2014ApJ...781..129S [ADS](#)
- Schmieder, B., Harra, L. K., Aulanier, G., et al., “*Electric current variations and 3D magnetic configuration of coronal jets*”, 2014cosp...40E2928S [ADS](#)
- Schmieder, B., Mein, P., Dalmasse, K., et al., “*Dynamics of a prominence observed in Mg II lines by IRIS*”, 2014cosp...40E2927S [ADS](#)
- Schmieder, B., Mein, P., Mein, N., Roudier, T., & Chandra, R., “*Proper horizontal photospheric flows below an eruptive filament*”, 2014cosp...40E2926S [ADS](#)
- Ofman, L., Schmieder, B., Kucera, T., & Knizhnik, K., “*Nonlinear MHD waves in a Prominence Foot: Observations and Models*”, 2014cosp...40E23380 [ADS](#)
- Mandrini, C. H., Schmieder, B., Cristiani, G., Demoulin, P., & Guo, Y., “*Magnetic flux emergence, flares, and coronal mass ejections*”, 2014cosp...40E1980M [ADS](#)
- Schmieder, B., Cremades, H., Mandrini, C., Démoulin, P., & Guo, Y., “*Recurrent filament eruptions and associated CMEs*”, 2014IAUS..300..489S [ADS](#)
- Zhao, J., Li, H., Pariat, E., et al., “*Topological study of active region 11158*”, 2014IAUS..300..479Z [ADS](#)
- Mein, N., Mein, P., Schmieder, B., Malherbe, J.-M., & Roudier, T., “*Dynamics in the filament of september 17 2010 and in its channel*”, 2014IAUS..300..451M [ADS](#)
- Kucera, T., Schmieder, B., Knizhnik, K., et al., “*Propagating waves transverse to the magnetic field in a solar prominence*”, 2014IAUS..300..435K [ADS](#)
- Cid, C., Cremades, H., Aran, A., et al., “*Clarifying some issues on the geoeffectiveness of limb halo CMEs*”, 2014IAUS..300..285C [ADS](#)
- Dalmasse, K., Chandra, R., Schmieder, B., & Aulanier, G., “*A confined flare above filaments*”, 2014IAUS..300..227D [ADS](#)
- Schmieder, B., Pecker, J.-C., Gary, A., et al., “*Einar Tandberg-Hanssen*”, 2014IAUS..300....4S [ADS](#)
- , “*Nature of Prominences and their role in Space Weather*”, 2014IAUS..300....S [ADS](#)
- Schmieder, B., Kucera, T. A., Knizhnik, K., et al., “*Propagating Waves Transverse to the Magnetic Field in a Solar Prominence*”, 2013ApJ...777..108S [ADS](#)
- Schmieder, B., Guo, Y., Moreno-Insertis, F., et al., “*Twisting solar coronal jet launched at the boundary of an active region*”, 2013A&A...559A...1S [ADS](#)
- Kucera, T. A., Knizhnik, K., López Ariste, A., et al., “*Propagating Waves Transverse to the Magnetic Field in a Solar Prominence*”, 2013SPD...4410403K [ADS](#)
- Guo, Y., Démoulin, P., Schmieder, B., et al., “*Recurrent coronal jets induced by repetitively accumulated electric currents*”, 2013A&A...555A..19G [ADS](#)
- Schmieder, B., Démoulin, P., & Aulanier, G., “*Solar filament eruptions and their physical role in triggering coronal mass ejections*”, 2013AdSpR..51.1967S [ADS](#)
- Schmieder, B., “*The geoeffectiveness of Halo CMEs far from central meridian*”, 2013EGUGA..15.1537S [ADS](#)
- Schmieder, B., Parenti, S., Dudík, J., et al., “*SDO/AIA Prominence physical conditions*”, 2013enss.confE..27S [ADS](#)
- Aulanier, G., Démoulin, P., Schrijver, C. J., et al., “*The standard flare model in three dimensions. II. Upper limit on solar flare energy*”, 2013A&A...549A..66A [ADS](#)
- Schwartz, P., Schmieder, B., Heinzel, P., & Kotrč, P., “*Study of an Extended EUV Filament Using SoHO/SUMER Observations of the Hydrogen Lyman Lines. II. Lyman α Line Observed During a Multi-wavelength Campaign*”, 2012SoPh..281..707S [ADS](#)
- Gosain, S., Schmieder, B., Artzner, G., Bogachev, S., & Török, T., “*A Multi-spacecraft View of a Giant Filament Eruption during 2009 September 26/27*”, 2012ApJ...761...25G [ADS](#)
- Dudík, J., Aulanier, G., Schmieder, B., Zapiór, M., & Heinzel, P., “*Magnetic Topology of Bubbles in Quiescent Prominences*”, 2012ApJ...761...9D [ADS](#)
- Cid, C., Cremades, H., Aran, A., et al., “*Can a halo CME from the limb be geoeffective?*”, 2012JGRA..11711102C [ADS](#)
- Schmieder, B., Guo, Y., Aulanier, G., et al., “*Reconstruction of 3D Coronal Magnetic Structures from THEMIS/MTR and Hinode/SOT Vector Maps*”, 2012ASPC..454..363S [ADS](#)
- Schmieder, B., Mein, P., Chandra, R., et al., “*Velocity Vector, Ionization Degree, and Temperature of Prominence Fine Structures Observed by Hinode/SOT*”, 2012ASPC..454..107S [ADS](#)
- Schmieder, B., Demoulin, P., Mandrini, C. H., & Guo, Y., “*Topology analysis of emerging bipole clusters producing violent solar events observed by SDO*”, 2012cosp...39.1724S [ADS](#)
- Schmieder, B., “*Solar filament eruptions and their physical role in triggering CMEs*”, 2012cosp...39.1723S [ADS](#)
- Parenti, S., Schmieder, B., Golub, L., & Heinzel, P., “*Prominences observations with SDO/AIA*”, 2012cosp...39.1447P [ADS](#)
- Janvier, M., Schmieder, B., Pariat, E., & Aulanier, G., “*Slip-running reconnection and evolution of shear in post-flare loops*”, 2012cosp...39..816J [ADS](#)
- Gunár, S., Schmieder, B., Mein, P., & Heinzel, P., “*Prominence fine-structure dynamics as inferred from 2D non-LTE models*”, 2012cosp...39..683G [ADS](#)
- Dudík, J., Schmieder, B., Aulanier, G., Zapiór, M., & Heinzel, P., “*Can bubbles in quiescent prominences be purely magnetic phenomena?*”, 2012cosp...39..486D [ADS](#)
- Chandra, R., Schmieder, B., Cristiani, G., et al., “*Impulsive Eruptive Flare on 23 October, 2003, from NOAA AR 10484*”, 2012cosp...39..302C [ADS](#)
- Parenti, S., Schmieder, B., Heinzel, P., & Golub, L., “*On the Nature of Prominence Emission Observed by SDO/AIA*”, 2012ApJ...754...66P [ADS](#)
- Aulanier, G., Janvier, M., & Schmieder, B., “*The standard flare model in three dimensions. I. Strong-to-weak shear transition in post-flare loops*”, 2012A&A...543A..110A [ADS](#)
- Gunár, S., Mein, P., Schmieder, B., Heinzel, P., & Mein, N., “*Dynamics of quiescent prominence fine structures analyzed by 2D non-LTE modelling of the Hα line*”, 2012A&A...543A..93G [ADS](#)
- Schmieder, B., & Aulanier, G., “*New perspectives on solar prominences*”, 2012EAS...55..149S [ADS](#)
- Joulin, V., Schmieder, B., Aulanier, G., & Bommier, V., “*Electric current density and related sigmoid in an active region*”, 2012EAS...55..143J [ADS](#)
- Pariat, E., Schmieder, B., Masson, S., & Aulanier, G., “*Resistive magnetic flux emergence and formation of solar active regions*”, 2012EAS...55..115P [ADS](#)
- Uddin, W., Schmieder, B., Chandra, R., et al., “*Observations of Multiple Surges Associated with Magnetic Activities in AR 10484 on 2003 October 25*”, 2012ApJ...752...70U [ADS](#)
- Schmieder, B., & Aulanier, G., “*What are the physical mechanisms of eruptions and CMEs?*”, 2012AdSpR..49.1598S [ADS](#)
- Dudík, J., Reeves, K. K., Schmieder, B., Dzifčáková, E., & Golub, L., “*Temperature Diagnostic of a Brightening Observed by Hinode/XRT*”, 2012ASPC..456..137D [ADS](#)
- Schmieder, B., Zapiór, M., Heinzel, P., & Aulanier, G., “*On the Nature of Prominence Bubbles and Plumes*”, 2012ASPC..456..77S [ADS](#)
- Heinzel, P., Schmieder, B., Parenti, S., & Golub, L., “*On the Visibility of Solar Prominences in SDO/AIA Channels*”, 2012ASPC..456..75H [ADS](#)
- Guo, Y., Schmieder, B., Bommier, V., & Mein, P., “*Magnetic Field Structures in a Facular Region Derived from THEMIS and Hinode Vector Magnetic Field*”, 2012ASPC..456..55G [ADS](#)
- Guo, Y., Ding, M. D., Schmieder, B., Démoulin, P., & Li, H., “*Evolution of Hard X-Ray Sources and Ultraviolet Solar Flare Ribbons for a Confined Eruption of a Magnetic Flux Rope*”, 2012ApJ...746...17G [ADS](#)
- Molodij, G., Schmieder, B., & Bommier, V., “*Multi-wavelength observations to understand the solar magnetic activity and its feedback on the interplanetary medium*”, 2012mfu3.conf..93M [ADS](#)

- Bommier, V., Landi Degl'Innocenti, E., Schmieder, B., & Gelly, B., "Vector magnetic field and vector current density in and around the  $\delta$ -spot NOAA 10808", 2011IAUS..273..338B [ADS](#)
- Guo, Y., Schmieder, B., Démoulin, P., et al., "A filament supported by different magnetic field configurations", 2011IAUS..273..328G [ADS](#)
- Schmieder, B., Mandrini, C., Chandra, R., et al., "Solar activity due to magnetic complexity of active regions", 2011IAUS..273..164S [ADS](#)
- Labrosse, N., Schmieder, B., Heinzel, P., & Watanabe, T., "EUV lines observed with EIS/Hinode in a solar prominence", 2011A&A...531A..69L [ADS](#)
- Schmieder, B., Démoulin, P., Pariat, E., et al., "Actors of the main activity in large complex centres during the 23 solar cycle maximum", 2011AdSpR..47.2081S [ADS](#)
- Berlicki, A., Gunar, S., Heinzel, P., Schmieder, B., & Schwartz, P., "2D radiative-magnetohydrostatic model of a prominence observed by Hinode, SoHO/SUMER and Meudon/MSDP", 2011A&A...530A.143B [ADS](#)
- Bommier, V., Landi Degl'Innocenti, E., Schmieder, B., & Gelly, B., "Magnetic Field, Density Current, and Lorentz Force Full Vector Maps of the NOAA 10808 Double Sunspot: Evidence of Strong Horizontal Current Flows in the Penumbra", 2011ASPC..437..491B [ADS](#)
- Chandra, R., Schmieder, B., Mandrini, C. H., et al., "Homologous Flares and Magnetic Field Topology in Active Region NOAA 10501 on 20 November 2003", 2011SoPh..269..83C [ADS](#)
- Török, T., Chandra, R., Pariat, E., et al., "Filament Interaction Modeled by Flux Rope Reconnection", 2011ApJ...728..65T [ADS](#)
- Chandra, R., Schmieder, B., Mandrini, C. H., et al., "Study of solar flares and filament interaction in NOAA 10501 on 20 November, 2003", 2011ASInC...2..323C [ADS](#)
- Guo, Y., Ding, M. D., Schmieder, B., et al., "Driving mechanism of a failed eruption", 2011ASInC...2..307G [ADS](#)
- Guo, Y., Ding, M. D., Schmieder, B., et al., "Driving Mechanism and Onset Condition of a Confined Eruption", 2010ApJ...725L..38G [ADS](#)
- Gibson, S. E., Kucera, T. A., Rastawicki, D., et al., "Three-dimensional Morphology of a Coronal Prominence Cavity", 2010ApJ...724.1133G [ADS](#)
- Gibson, S. E., Kucera, T. A., Rastawicki, D., et al., "Three-dimensional morphology of a coronal prominence cavity", 2010AGUFMSH51A1667G [ADS](#)
- Su, Y., van Ballegooijen, A., Schmieder, B., et al., "Flare Energy Build-Up in a Decaying Active Region Near a Coronal Hole", 2010shin.confE.131S [ADS](#)
- Guo, Y., Schmieder, B., Démoulin, P., et al., "Coexisting Flux Rope and Dipped Arcade Sections Along One Solar Filament", 2010ApJ...714..343G [ADS](#)
- Schmieder, B., Chandra, R., Berlicki, A., & Mein, P., "Velocity vectors of a quiescent prominence observed by Hinode/SOT and the MSDP (Meudon)", 2010A&A...514A..68S [ADS](#)
- Gunár, S., Schwartz, P., Schmieder, B., Heinzel, P., & Anzer, U., "Statistical comparison of the observed and synthetic hydrogen Lyman line profiles in solar prominences", 2010A&A...514A..43G [ADS](#)
- Artzner, G., Gosain, S., & Schmieder, B., "A Technique for Removing Background Features in SECCHI - EUVI He II 304 Å Filtergrams: Application to the Filament Eruption of 22 May 2008", 2010SoPh..262..437A [ADS](#)
- Mackay, D. H., Karpen, J. T., Ballester, J. L., Schmieder, B., & Aulanier, G., "Physics of Solar Prominences: II-Magnetic Structure and Dynamics", 2010SSRv..151..333M [ADS](#)
- Labrosse, N., Heinzel, P., Vial, J. C., et al., "Physics of Solar Prominences: I-Spectral Diagnostics and Non-LTE Modelling", 2010SSRv..151..243L [ADS](#)
- Guo, Y., Schmieder, B., Bommier, V., & Gosain, S., "Magnetic Field Structures in a Facular Region Observed by THEMIS and Hinode", 2010SoPh..262..35G [ADS](#)
- Berlicki, A., Schwartz, P., Schmieder, B., Heinzel, P., & Gunar, S., "Relations between theoretical and observational plasma parameters and the radiation of the prominence", 2010cosp...38.2945B [ADS](#)
- Schmieder, B., Chandra, R., Berlicki, A., & Mein, P., "Counterstreaming in quiescent prominences observed by Hinode/SOT and Meudon/MSDP", 2010cosp...38.2943S [ADS](#)
- Gosain, S., Schmieder, B., Venkatakrishnan, P., Chandra, R., & Artzner, G., "A 3D view of eruptive filaments by STEREO", 2010cosp...38.2916G [ADS](#)
- Berger, T., Okamoto, T., & Schmieder, B., "Hinode/SOT Measurements of Flows and Waves in Solar Prominences", 2010cosp...38.2913B [ADS](#)
- Schwartz, P., Gunar, S., Heinzel, P., & Schmieder, B., "Title: Can purely emissive Lybeta prominence spectra be caused by the line of sight oriented parallelly to the magnetic field?", 2010cosp...38.2852S [ADS](#)
- Gunar, S., Schwartz, P., Schmieder, B., Heinzel, P., & Anzer, U., "How do unresolved motions affect the prominence hydrogen Lyman spectrum?", 2010cosp...38.2830G [ADS](#)
- Mandrini, C. H., Chandra, R., Pariat, E., et al., "Ejective events from a complex active region", 2010cosp...38.1886M [ADS](#)
- Schmieder, B., Chandra, R., Demoulin, P., et al., "Actors of the main activity of large complex centres during the 23 Solar Cycle maximum", 2010cosp...38.1861S [ADS](#)
- Chandra, R., Pariat, E., Schmieder, B., Mandrini, C. H., & Uddin, W., "How Can a Negative Magnetic Helicity Active Region Generate a Positive Helicity Magnetic Cloud?", 2010SoPh..261..127C [ADS](#)
- Gosain, S., & Schmieder, B., "Estimation of width and inclination of a filament sheet using He II 304 Å observations by STEREO/EUVI", 2010AnGeo..28..149G [ADS](#)
- Chandra, R., Schmieder, B., Aulanier, G., & Malherbe, J. M., "A Flaring Twisted Emerging Flux Region", 2010ASSP...19..523C [ADS](#)
- Schmieder, B., & Pariat, E., "Vector Magnetic Field in Emerging Flux Regions", 2010ASSP...19..505S [ADS](#)
- Gosain, S., Schmieder, B., Venkatakrishnan, P., Chandra, R., & Artzner, G., "3D Evolution of a Filament Disappearance Event Observed by STEREO", 2009SoPh..259..13G [ADS](#)
- Török, T., Aulanier, G., Schmieder, B., Reeves, K. K., & Golub, L., "Fan-Spine Topology Formation Through Two-Step Reconnection Driven by Twisted Flux Emergence", 2009ApJ...704..485T [ADS](#)
- Su, Y., van Ballegooijen, A., Schmieder, B., et al., "Flare Energy Build-up in a Decaying Active Region Near a Coronal Hole", 2009ApJ...704..341S [ADS](#)
- Chandra, R., Schmieder, B., Aulanier, G., & Malherbe, J. M., "Evidence of Magnetic Helicity in Emerging Flux and Associated Flare", 2009SoPh..258..53C [ADS](#)
- Rodríguez, L., Zhukov, A. N., Cid, C., et al., "Three frontside full halo coronal mass ejections with a nontypical geomagnetic response", 2009SpWea..7.6003R [ADS](#)
- Su, Y., van Ballegooijen, A., Schmieder, B., et al., "Magnetic Nonpotentiality Accumulation Prior to a "Large" B1.7 Two-Ribbon Flare", 2009SPD...40.2002S [ADS](#)
- Schmieder, B., Aulanier, G., Démoulin, P., & Pariat, E., "Coronal loops, flare ribbons and aurora during slip-running", 2009EP&S...61..565S [ADS](#)
- Schmieder, B., Aulanier, G., & Török, T., "Solar prominences", 2009IAUS..257..223S [ADS](#)
- Canou, A., Amari, T., Bommier, V., et al., "Evidence for a Pre-Eruptive Twisted Flux Rope Using the Themis Vector Magnetograph", 2009ApJ...693L..27C [ADS](#)
- Dasso, S., Mandrini, C. H., Schmieder, B., et al., "Linking two consecutive nonmerging magnetic clouds with their solar sources", 2009JGRA..114.2109D [ADS](#)
- Roudier, T., Malherbe, J. M., Švanda, M., et al., "Photospheric flows around a quiescent filament at Large and small scale and their effects on filament destabilization", 2008sf2a.conf..569R [ADS](#)
- Aulanier, G., & Schmieder, B., "Magnetic helicity and solar prominence formation", 2008sf2a.conf..543A [ADS](#)
- Heinzel, P., Schmieder, B., Fárník, F., et al., "Hinode, TRACE, SOHO, and Ground-based Observations of a Quiescent Prominence", 2008ApJ...686.1383H [ADS](#)
- Berlicki, A., Heinzel, P., Schmieder, B., & Li, H., "NLTE modelling of the flaring atmosphere above sunspot", 2008A&A...490..315B [ADS](#)
- Gunár, S., Heinzel, P., Anzer, U., & Schmieder, B., "On Lyman-line asymmetries in quiescent prominences", 2008A&A...490..307G [ADS](#)
- Berlicki, A., Heinzel, P., Schmieder, B., & Li, H., "Modelling of the Flare Observed Above Sunspot Penumbra", 2008ESPM..12.3.19B [ADS](#)
- Gunár, S., Heinzel, P., Anzer, U., & Schmieder, B., "On Lyman-line Asymmetries in Quiescent Prominences", 2008ESPM..12.3.18G [ADS](#)
- Schmieder, B., Heinzel, P., Schwartz, P., & Gunar, S., "Prominence and its Coronal Cavity Observed by Hinode, TRACE and SOHO", 2008ESPM..12.2.95S [ADS](#)
- Chandra, R., Schmieder, B., Aulanier, G., & Malherbe, M. J., "Multiple Ribbons of a M1.6 Flare Related to the Magnetic Configuration of the NOAA AR 365", 2008ESPM..12.2.65C [ADS](#)
- Labrosse, N., Schmieder, B., Heinzel, P., & Gunar, S., "Solar Prominence Diagnostic with Hinode/EIS", 2008ESPM..12.2.21L [ADS](#)
- Schmieder, B., Török, T., & Aulanier, G., "Magnetic field changes preceding filament eruptions and coronal mass ejections", 2008AIPC.1043..260S [ADS](#)
- Dudík, J., Aulanier, G., Schmieder, B., Bommier, V., & Roudier, T., "Topological Departures from Translational Invariance along a Filament Observed by THEMIS", 2008SoPh..248..29D [ADS](#)
- Roudier, T., Švanda, M., Meunier, N., et al., "Large-scale horizontal flows in the solar photosphere. III. Effects on filament destabilization", 2008A&A...480..255R [ADS](#)
- Schmieder, B., Bommier, V., Kitai, R., et al., "Magnetic Causes of the Eruption of a Quiescent Filament", 2008SoPh..247..321S [ADS](#)
- Rodríguez, L., Zhukov, A. N., Dasso, S., et al., "Magnetic clouds seen at different locations in the heliosphere", 2008AnGeo..26..213R [ADS](#)

- Bommier, V., González, M. J. M., Schmieder, B., & Landi Degl'Innocenti, E., "Magnetic Field Vector Measurements with THEMIS", [2008ASPC..383..123B ADS](#)
- Webb, D. F., Gopalswamy, N., Liu, W., et al., "Division II / Working Group International Collaboration in Space Weather", [2007IAUTB..26..107W ADS](#)
- Li, H., Schmieder, B., Song, M. T., & Bommier, V., "Interaction of magnetic field systems leading to an X1.7 flare due to large-scale flux tube emergence", [2007A&A...475..1081L ADS](#)
- Schmieder, B., Aulanier, G., & López Ariste, A., "What can We learn about Filaments from Vector Magnetograms?", [2007ASPC..369..137S ADS](#)
- Pariat, E., Schmieder, B., Berlicki, A., et al., "Spectrophotometric analysis of Ellerman bombs in the Ca II, H $\alpha$ , and UV range", [2007A&A...473..279P ADS](#)
- Schmieder, B., Aulanier, G., Delannée, C., & Berlicki, A., "Eruptive and Compact Flares", [2007AIPC..934..22S ADS](#)
- Gunár, S., Heinzel, P., Schmieder, B., Schwartz, P., & Anzer, U., "Properties of prominence fine-structure threads derived from SOHO/SUMER hydrogen Lyman lines", [2007A&A...472..929G ADS](#)
- Rondi, S., Roudier, T., Molodij, G., et al., "Photospheric flows around a quiescent filament", [2007A&A...467.1289R ADS](#)
- Schwartz, P., Schmieder, B., & Heinzel, P., "Non-LTE Analysis of Lyman-Line Observations of a Filament with SUMER", [2007ASPC..368..359S ADS](#)
- Gunár, S., Heinzel, P., Schmieder, B., & Anzer, U., "Prominence Parameters from 2D Modeling of Lyman Lines Measured with SUMER", [2007ASPC..368..317G ADS](#)
- Pariat, E., Schmieder, B., Berlicki, A., & López Ariste, A., "Spectrophotometry of Ellerman Bombs with THEMIS", [2007ASPC..368..253P ADS](#)
- Bualé, I., Mouradian, Z., & Schmieder, B., "Improvement of the Coimbra Spectroheliograph (1988 – 1992)", [2007ASPC..368..15B ADS](#)
- Schmieder, B., Aulanier, G., Démoulin, P., Pariat, E., & Golub, L., "Slip running reconnection in the Sun's atmosphere observed by RHESSI, SOHO, TRACE and Hinode", [2007AGUSSH22A..01S ADS](#)
- Schmieder, B., Gunár, S., Heinzel, P., & Anzer, U., "Spectral Diagnostics of the Magnetic Field Orientation in a Prominence Observed with SOHO/SUMER", [2007SoPh..241..53S ADS](#)
- Schmieder, B., "The dynamic solar chromosphere", [2007AIPC..895..49S ADS](#)
- Schmieder, B., "Magnetic Support of Prominences", [2007RoAJ...17S..53S ADS](#)
- Schmieder, B., "New results and future perspectives of THEMIS .", [2007MmSAI..78..191S ADS](#)
- Rondi, S., Roudier, T., Molodij, G., et al., "Photospheric flows around a quiescent filament and CALAS first results .", [2007MmSAI..78..114R ADS](#)
- Schmieder, B., Mandrini, C. H., Démoulin, P., et al., "What is the role of magnetic null points in large flares?", [2007AdSpR..39.1840S ADS](#)
- del Zanna, G., Schmieder, B., Mason, H., Berlicki, A., & Bradshaw, S., "The Gradual Phase of the X17 Flare on October 28, 2003", [2006SoPh..239..173D ADS](#)
- Mandrini, C. H., Demoulin, P., Schmieder, B., et al., "Companion Event and Precursor of the X17 Flare on 28 October 2003", [2006SoPh..238..293M ADS](#)
- Schmieder, B., Aulanier, G., Mein, P., & Ariste, A. L., "Evolving Photospheric Flux Concentrations and Filament Dynamic Changes", [2006SoPh..238..245S ADS](#)
- Schwartz, P., Heinzel, P., Schmieder, B., & Anzer, U., "Study of an extended EUV filament using SoHO/SUMER observations of the hydrogen Lyman lines", [2006A&A...459..651S ADS](#)
- Schmieder, B., "Magnetic Source Regions of Coronal Mass Ejections", [2006JApA...27..139S ADS](#)
- López Ariste, A., Aulanier, G., Schmieder, B., & Sainz Dalda, A., "First observation of bald patches in a filament channel and at a barb endpoint", [2006A&A...456..725L ADS](#)
- Li, H., Schmieder, B., Aulanier, G., & Berlicki, A., "Is Pre-Eruptive Null Point Reconnection Required for Triggering Eruptions?", [2006SoPh..237..85L ADS](#)
- Schmieder, B., Mandrini, C., Berlicki, A., Démoulin, P., & Li, H., "Magnetic Sources of Flares and CMEs from Multi-Wavelength Flare Studies", [2006ESASP.617E.145S ADS](#)
- Schwartz, P., Schmieder, B., & Heinzel, P., "Importance of Absorption and Volume Blocking for Line Intensity Depression in EUV Filaments", [2006ESASP.617E..75S ADS](#)
- Heinzel, P., Schmieder, B., & Vial, J. C., "What We Have Learned about Prominences and Filaments from SOHO/SUMER and CDS Spectral Observations", [2006ESASP.617E..65H ADS](#)
- Schmieder, B., Démoulin, P., Berlicki, A., Mandrini, C., & Hui, L., "Magnetic Sources of flares and CMEs in October 2003", [2006sf2a.conf..565S ADS](#)
- Schmieder, B., Vial, J. C., & Heinzel, P., "New perspectives on prominences as observed by SOHO/SUMER", [2006sf2a.conf..563S ADS](#)
- del Zanna, G., Berlicki, A., Schmieder, B., & Mason, H. E., "A Multi-Wavelength Study of the Compact M1 Flare on October 22, 2002", [2006SoPh..234..95D ADS](#)
- Bougeret, J. L., Briand, C., Bonet Navaro, J. A., et al., "IHY Science and Organization in Europe", [2006cosp...36.3226B ADS](#)
- Schmieder, B., "The International Heliophysical Year in France", [2006cosp...36..978S ADS](#)
- Schmieder, B., Mandrini, C., Démoulin, P., Aulanier, G., & Li, H., "The role of null points in large flares", [2006cosp...36..156S ADS](#)
- Schmieder, B., "Multi-wavelength Observations of the solar eruptive activity", [2006IAUS..233..472S ADS](#)
- Li, H., Schmieder, B., Aulanier, G., & Berlicki, A., "Magnetic Topology before a 3BX1.2 Flare and the Associated CME", [2006IAUS..233..399L ADS](#)
- Mandrini, C. H., Demoulin, P., Schmieder, B., et al., "On the origin of the 28 October 2003 X17 event and its companion event", [2006BAAA...49..109M ADS](#)
- Pariat, E., Aulanier, G., Schmieder, B., et al., "Emergence of undulatory magnetic flux tubes by small scale reconnections", [2006AdSpR..38..902P ADS](#)
- Schmieder, B., Mandrini, C. H., Démoulin, P., et al., "Magnetic reconfiguration before the X 17 Solar flare of October 28 2003", [2006AdSpR..37.1313S ADS](#)
- Berlicki, A., Mein, P., & Schmieder, B., "THEMIS/MSDP magnetic field measurements", [2006A&A...445.1127B ADS](#)
- Schwartz, P., Heinzel, P., & Schmieder, B., "Non-Lte Modelling of the EUV Filament Based on Soho/sumer Observations of the Hydrogen Lyman Lines", [2005ESASP.600E..97S ADS](#)
- Berlicki, A., Schmieder, B., Heinzel, P., et al., "Multi-Wavelength Analysis of Plasma Flows during Solar Flares", [2005ESASP.600E..58B ADS](#)
- Berlicki, A., Mein, P., & Schmieder, B., "Active Region Magnetic Field Observed with Themis/msdp and Soho/mdi Instruments", [2005ESASP.600E..57B ADS](#)
- Li, H., Li, J.-P., Fang, C., et al., "A Multi-Wavelength Study of the 3BX1.2 Flare Observed on 2003 October 26", [2005ChJAA...5..645L ADS](#)
- Pariat, E., Aulanier, G., Schmieder, B., et al., "Observation of Small Scale Reconnection Role in Undulated Flux Tube Emergence", [2005ESASP.596E..34P ADS](#)
- Schmieder, B., López Ariste, A., & Aulanier, G., "Observational Evidence of Photospheric Magnetic Dips in Filament Channels", [2005ESASP.596E..19S ADS](#)
- Schmieder, B., Berlicki, A., Li, H., Del Zanna, G., & Mason, H., "Flows and Heating of the Solar Atmosphere during Solar Flares", [2005ESASP.592..543S ADS](#)
- Li, H., Berlicki, A., & Schmieder, B., "Thermal and non-thermal effects driven by magnetic reconnections observed in a confined flare", [2005A&A...438..325L ADS](#)
- Berlicki, A., Heinzel, P., Schmieder, B., Mein, P., & Mein, N., "Non-LTE diagnostics of velocity fields during the gradual phase of a solar flare", [2005A&A...430..679B ADS](#)
- Schmieder, B., & van Driel-Gesztelyi, L., "Source Regions of Coronal Mass Ejections", [2005IAUS..226..149S ADS](#)
- Pariat, E., Schmieder, B., & Aulanier, G., "Flux tube emergence, from photosphere to corona", [2004sf2a.conf..103P ADS](#)
- Pariat, E., Aulanier, G., Schmieder, B., et al., "Resistive Emergence of Undulatory Flux Tubes", [2004ApJ...614.1099P ADS](#)
- Schmieder, B., Mein, N., Deng, Y., et al., "Magnetic changes observed in the formation of two filaments in a complex active region: TRACE and MSDP observations", [2004SoPh..223..119S ADS](#)
- Berlicki, A., Schmieder, B., Vilmer, N., Aulanier, G., & Del Zanna, G., "Evolution and magnetic topology of the M 1.0 flare of October 22, 2002", [2004A&A...423.1119B ADS](#)
- Schwartz, P., Heinzel, P., Anzer, U., & Schmieder, B., "Determination of the 3D structure of an EUV-filament observed by SoHO/CDS, SoHO/SUMER and VTT/MSDP", [2004A&A...421..323S ADS](#)
- Schmieder, B., Lin, Y., Heinzel, P., & Schwartz, P., "Multi-wavelength study of a high-latitude EUV filament", [2004SoPh..221..297S ADS](#)
- Berlicki, A., Schmieder, B., Aulanier, G., Vilmer, N., & Yan, Y. H., "Flare evolution and magnetic configuration study", [2004cosp...35.2200B ADS](#)
- Schmieder, B., Mandrini, C., Demoulin, P., & Mein, P., "Magnetic configuration reorganisation before the X 17 flare of October 28 2003", [2004cosp...35.1528S ADS](#)
- Pariat, E., Aulanier, G., Schmieder, B., et al., "Emergence of undulatory magnetic flux tubes by small scale reconnections", [2004cosp...35.1482P ADS](#)
- Radziszewski, K., Rudawy, P., Schmieder, B., & Berlicki, A., "H-alpha spectral observations of the X17+ solar flare on 28 october 2003", [2004cosp...35.1248R ADS](#)

- Schmieder, B., Berlicki, A., Vilmer, N., et al., "Multi-wavelength flare study and magnetic configuration", 2004IAUS..223..397S [ADS](#)
- Schwartz, P., Schmieder, B., Heinzel, P., & Anzer, U., "Multiwavelength determination of the density and total mass of the EUV filament observed by SoHO/CDS, SoHO/SUMER and MSDP/VTT", 2004IAUS..223..219S [ADS](#)
- Berlicki, A., Schmieder, B., Vilmer, N., et al., "Multi-Wavelength Observations of an M1.0 Flare on 22 October 2002", 2004IAUS..219..669B [ADS](#)
- Schmieder, B., Démoulin, P., Rust, D. M., Georgoulis, M. K., & Bernasconi, P. N., "Emerging Flux and the Heating of Coronal Loops", 2004IAUS..219..483S [ADS](#)
- Schmieder, B., Rust, D. M., Georgoulis, M. K., Démoulin, P., & Bernasconi, P. N., "Emerging Flux and the Heating of Coronal Loops", 2004ApJ...601..530S [ADS](#)
- Schmieder, B., Vincent, B., Baumjohann, W., et al., "Climate and weather of the Sun-Earth system: CAWSES", 2004AdSpR..34..443S [ADS](#)
- Heinzel, P., Anzer, U., & Schmieder, B., "A Spectroscopic Model of euv Filaments", 2003SoPh..216..159H [ADS](#)
- Wu, T., Obridko, V., Schmieder, B., & Sykora, J., "Foreword (Solar variability as an input to the Earth's environment)", 2003ESASP.535D..17W [ADS](#)
- Schmieder, B., & Basu, S., "Climate and weather of the Sun Earth system: CAWSES", 2003ESASP.535..701S [ADS](#)
- Schwartz, P., Heinzel, P., Schmieder, B., & Anzer, U., "Determination of the 3D-topology of an EUV-filament observed by SoHO/CDS SoHO/SUMER and VTT/MSDP", 2003ESASP.535..495S [ADS](#)
- Heinzel, P., Anzer, U., Schmieder, B., & Schwartz, P., "EUV-filaments and their mass loading", 2003ESASP.535..447H [ADS](#)
- Schmieder, B., Tziotziou, K., & Heinzel, P., "Spectroscopic diagnostics of an H $\alpha$  and EUV filament observed with THEMIS and SOHO", 2003A&A...401..361S [ADS](#)
- Schmieder, B., & Aulanier, G., "What can we learn from lfff magnetic extrapolations", 2003AdSpR..32.1875S [ADS](#)
- Schmieder, B., Pariat, E., Aulanier, G., et al., "Flare Genesis Experiment: magnetic topology of Ellerman bombs", 2002ESASP.506..911S [ADS](#)
- Schmieder, B., Mein, N., Heinzel, P., & Anzer, U., "Spectral diagnostics of the magnetic field orientation in a round-shaped filament", 2002ESASP.506..469S [ADS](#)
- Schmieder, B., Aulanier, G., Pariat, E., et al., "Vector magnetic field observations of flux tube emergence", 2002ESASP.505..575S [ADS](#)
- Schmieder, B., Engvold, O., Yong, L., Deng, Y. Y., & Mein, N., "Magnetic cancellation and small-scale activity in an AR filament", 2002ESASP.505..223S [ADS](#)
- Georgoulis, M. K., Rust, D. M., Bernasconi, P. N., & Schmieder, B., "Statistics, morphology, and energetics of Ellerman bombs", 2002ESASP.505..125G [ADS](#)
- Deng, Y., Lin, Y., Schmieder, B., & Engvold, O., "Filament activation and magnetic reconnection", 2002SoPh..209..153D [ADS](#)
- Georgoulis, M. K., Rust, D. M., Bernasconi, P. N., & Schmieder, B., "Statistics, Morphology, and Energetics of Ellerman Bombs", 2002ApJ...575..506G [ADS](#)
- Gibson, S. E., Fletcher, L., Del Zanna, G., et al., "The Structure and Evolution of a Sigmoidal Active Region", 2002ApJ...574.1021G [ADS](#)
- Mandrin, C. H., Démoulin, P., Schmieder, B., Deng, Y. Y., & Rudawy, P., "The role of magnetic bald patches in surges and arch filament systems", 2002A&A...391..317M [ADS](#)
- Georgoulis, M. K., Rust, D. M., Bernasconi, P. N., & Schmieder, B., "Photospheric Vertical Current Density and Overlying Atmospheric Activity in an Emerging Flux Region", 2002AA...200..2004G [ADS](#)
- Aulanier, G. & Schmieder, B., "The magnetic nature of wide EUV filament channels and their role in the mass loading of CMEs", 2002A&A...386.1106A [ADS](#)
- Schmieder, B. & Smaldone, L., "Foreword (SOLSPA 2001)", 2002ESASP.477D..15S [ADS](#)
- Schmieder, B., Vincent, B., Baumjohann, W., et al., "Climate and weather of the Sun-Earth system: CAWSES, SCOSTEP's program for 2003-2008", 2002ESASP.477..59S [ADS](#)
- van Driel-Gesztelyi, L., Schmieder, B., & Poedts, S., "Magnetic build-up and precursors of CMEs", 2002ESASP.477..47V [ADS](#)
- Schmieder, B., Mein, P., Lemaire, P., Pick, M., & Vilmer, N., "JOSO national report 2000-2001 - France", in Joint Organization for Solar Observations, Annual Report 2000/2001, 56–62 2002joso.book...56S [ADS](#)
- Cauzzi, G., Kucera, A., & Schmieder, B., "Minutes of the 33rd JOSO Board Meeting - 2001", in Joint Organization for Solar Observations, Annual Report 2000/2001, 15–20 2002joso.book...15C [ADS](#)
- Cauzzi, G., Kucera, A., & Schmieder, B., "Minutes of the 32nd JOSO Board Meeting - 2000", in Joint Organization for Solar Observations, Annual Report 2000/2001, 10–14 2002joso.book...10C [ADS](#)
- Schmieder, B. & Aulanier, G., "What can we learn from magnetic extrapolation above active region and filament?", 2002cosp...34E.458S [ADS](#)
- Schmieder, B., Vincent, B., Baumjohann, W., et al., "Climate and Weather of the Sun Earth system:SCOSTEP's program for 2004- 2008", 2002cosp...34E.139S [ADS](#)
- Schmieder, B., Vincent, B., Baumjohann, W., et al., "Climate and Weather of The Sun Earth System", 2002EGSGA..27..250S [ADS](#)
- Mandrini, C. H., Démoulin, P., Schmieder, B., Deng, Y. Y., & Rudawy, P., "Surges y Arch Filament Systems: Una topología inusual", 2002BAAA..45..17M [ADS](#)
- Tang, Y. H., Li, Y. N., Fang, C., et al., "Energetics of the 18 May 1994 brightening event", 2002AdSpR..30..557T [ADS](#)
- van Driel-Gesztelyi, L., Schmieder, B., & Baranyi, T., "Evolution of the source region of the interplanetary magnetic cloud of 18-20 Oct. 1995", 2002AdSpR..29.1489V [ADS](#)
- Tang, Y. H., Schmieder, B., & Fang, C., "The characteristics of microwave burst source and energy budget in disappearing filament", 2002AdSpR..29.1461T [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Aulanier, G., et al., "Relationships between CME's and prominences", 2002AdSpR..29.1451S [ADS](#)
- Fletcher, L., López Fuentes, M. C., Mandrin, C. H., et al., "A Relationship Between Transition Region Brightenings, Abundances, and Magnetic Topology", 2001SoPh..203..255F [ADS](#)
- Heinzel, P., Schmieder, B., & Tziotziou, K., "Why Are Solar Filaments More Extended in Extreme-Ultraviolet Lines than in H $\alpha$ ", 2001ApJ...561L.223H [ADS](#)
- Mein, N., Schmieder, B., DeLuca, E. E., et al., "A Study of Hydrogen Density in Emerging Flux Loops from a Coordinated Transition Region and Coronal Explorer and Canary Islands Observation Campaign", 2001ApJ...556..438M [ADS](#)
- Bernasconi, P. N., Rust, D. M., Georgoulis, M. K., LaBonte, B. J., & Schmieder, B., "Peculiar Moving Magnetic Features Observed With the Flare Genesis Experiment", 2001AGUSM..SP51A02B [ADS](#)
- Rust, D. M., Bernasconi, P. N., Georgoulis, M. K., LaBonte, B. J., & Schmieder, B., "Sunspot Formation from Emerging Flux Ropes - Observations from Flare Genesis", 2001AGUSM..SP42A09R [ADS](#)
- Heinzel, P., Schmieder, B., Vial, J. C., & Kotrč, P., "SOHO/SUMER observations and analysis of the hydrogen Lyman spectrum in solar prominences", 2001A&A...370..281H [ADS](#)
- Schmieder, B., Démoulin, P., Fletcher, L., et al., "CDS UV Brightenings Explained by Quasi-separatrices and Bald Patches in an S-shape active region", 2001IAUS..203..314S [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Delannée, C., Simnett, G. M., & Wiik, J. E., "The Relationship between CMEs and Prominence Eruptions", 2001IAUS..203..310S [ADS](#)
- Schmieder, B., "Chromosphere", in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 1993 2000eaa..bookE1993S [ADS](#)
- Wu, S. T., Guo, W. P., Plunkett, S. P., Schmieder, B., & Simnett, G. M., "Coronal mass ejections (CMEs) initiation: models and observations", 2000JASTP..62.1489W [ADS](#)
- van Driel-Gesztelyi, L., Manoharan, P. K., Démoulin, P., et al., "Initiation of CMEs: the role of magnetic twist", 2000JASTP..62.1437V [ADS](#)
- Deng, Y. Y., Schmieder, B., Engvold, O., DeLuca, E., & Golub, L., "Emergence of sheared magnetic flux tubes in an active region observed with the SVST and TRACE", 2000SoPh..195..347D [ADS](#)
- Schmieder, B., Delannée, C., Yong, D. Y., Vial, J. C., & Madjarska, M., "Multi-wavelength study of the slow "disparition brusque" of a filament observed with SOHO", 2000A&A...358..728S [ADS](#)
- Rust, D. M., Bernasconi, P. N., Eaton, H. A., et al., "New Results from the Flare Genesis Experiment", 2000SPD...31.0302R [ADS](#)
- Tang, Y. H., Li, Y. N., Fang, C., et al., "H $\alpha$  and Soft X-Ray Brightening Events Caused by Emerging Flux", 2000ApJ...534..482T [ADS](#)
- Schmieder, B., "Solar filaments - comparing multi-wavelength observations with magnetic modelling", 2000ssls.work...57S [ADS](#)
- Vázquez, M. & Schmieder, B., "Foreword", 2000ESASP.463D..13V [ADS](#)
- Schmieder, B., Li, K. J., & Li, Q. S., "N-S Variation of the X-ray Flare Number during the Solar Cycle 22", 2000ESASP.463..423S [ADS](#)
- Aulanier, G., Schmieder, B., van Driel-Gesztelyi, L., et al., "3-D Magnetic Configurations for Filaments and Flares: The Role of "Magnetic Dips" and "Bald Patches\"", 2000AdSpR..26..485A [ADS](#)
- Schmieder, B., Deng, Y., Mandrin, C. H., et al., "Dynamics in Restructuring Active Regions Observed During Soho/Yohkoh/Gbo Campaigns", 2000AdSpR..25.1879S [ADS](#)
- Tang, Y. H., Li, Y. N., Schmieder, B., et al., "Brightening Event in H $\alpha$  and Soft X-Ray on May 18, 1994", 2000AdSpR..25.1829T [ADS](#)
- Heinzel, P., Schmieder, B., Vial, J. C., & Rudawy, P., "Solar Prominences Observed by Soho (SUMER, CDS, EIT) and Ground-Based Observatories (GBO)", 2000AdSpR..25.1777H [ADS](#)
- van Driel-Gesztelyi, L., Jankovics, I., Kovács, J., Schmieder, B., & Vincze, I. J., "The Total Eclipse Experience in Hungary", 1999ESASP.448.1297V [ADS](#)

- Schmieder, B., Deluca, E., Mein, N., et al., "A Study of Hydrogen Density in Emerging Flux Loops from a Coordinated TRACE and Canary Islands Observation Campaign", 1999ESASP.448..653S [ADS](#)
- Mandriini, C. H., Démoulin, P., Schmieder, B., Deng, Y. Y., & Rudawy, P., "Interpretation of the Activity due to Flux Emergence in an AR", 1999ESASP.448..617M [ADS](#)
- Hansen, I., Engvold, O., Schmieder, B., Mein, N., & Mein, P., "Bright Rims of Solar Prominences", 1999ESASP.448..491H [ADS](#)
- Schmieder, B., Kotrč, P., Heinzel, P., Kucera, T., & Andretta, V., "Diagnostics Constraints on Prominence Parameters from SOHO and Ground-based Observations", 1999ESASP.448..439S [ADS](#)
- Schmieder, B., Heinzel, P., Vial, J. C., & Rudawy, P., "SOHO/SUMER observations and analysis of hydrogen Lyman lines in a quiescent prominence", 1999SoPh..189..109S [ADS](#)
- Schmieder, B., Kucera, T., Heinzel, P., & Vial, J. C., "Hydrogen Lyman Lines and Continuum Emission in a Polar-Crown Prominence Observed with SUMER/SOHO", 1999ESASP.446..605S [ADS](#)
- Schmieder, B., Engvold, O., Wiik, J. E., & Deluca, E., "Fine-Structures and Dynamics of a Filament in EUV lines: SOHO/CDS and SUMER, TRACE", 1999ESASP.446..599S [ADS](#)
- Rudawy, P., van Driel-Gesztelyi, L., Cader-Sroka, B., et al., "Analysis of evolution of NOAA 7912 active region on 19 October 1995", 1999A&S..139..89R [ADS](#)
- van Driel-Gesztelyi, L., Mandriini, C. H., Thompson, B., et al., "Long-Term Magnetic Evolution of an AR and its CME Activity", 1999ASPC..184..302V [ADS](#)
- Schmieder, B., Heinzel, P., Vial, J. C., et al., "Coordinated Prominence Observations by SOHO and Ground-Based Observatories", 1999ASPC..184..296S [ADS](#)
- Aulanier, G., Schmieder, B., Kucera, T., et al., "The Role of "Magnetic Dips" and "Bald Patches" for a Filament Observed by SOHO and GBO", 1999ASPC..184..291A [ADS](#)
- Mandriini, C. H., Deng, Y. Y., Schmieder, B., et al., "Magnetic Field Evolution and Topology of an AR", 1999ASPC..184..276M [ADS](#)
- Démoulin, P., Aulanier, G., & Schmieder, B., "Some Advances in 3D-Magnetic Field Topology: an Observed Case of a "Bald Patch" Flare", 1999ASPC..184..65D [ADS](#)
- Deng, Y. Y., Schmieder, B., Mandriini, C. H., et al., "The evolution from birth to decay of a short-lived active region", 1999A&A...349..927D [ADS](#)
- Wiik, J. E., Dammasch, I. E., Schmieder, B., & Wilhelm, K., "Multiple-Thread Model of a Prominence Observed by SUMER and EIT on SOHO", 1999SoPh..187..405W [ADS](#)
- Tsiropoula, G., Madi, C., & Schmieder, B., "Derivation of physical parameters of chromospheric structures assuming a constant and a varying source function", 1999SoPh..187..11T [ADS](#)
- Li, Y., Tang, Y., Aulanier, G., et al., "A new emerging flux and brightening event.", 1999PPMTO..18..131L [ADS](#)
- Innes, D. E., Inhester, B., Srivastava, N., et al., "Multi-wavelength observations of the onset phase of a coronal mass ejection", 1999SoPh..186..337I [ADS](#)
- Kucera, T. A., Aulanier, G., Schmieder, B., Mein, N., & Vial, J. C., "Filament channel structures in a SI IV line related to a 3d magnetic model", 1999SoPh..186..259K [ADS](#)
- Tang, Y. H., Mouradian, Z., Schmieder, B., Fang, C., & Sakurai, T., "Analysis Of The Disappearing Filament And Flare Of 7 May 1992", 1999SoPh..185..143T [ADS](#)
- Aulanier, G., Démoulin, P., Mein, N., et al., "3-D magnetic configurations supporting prominences. III. Evolution of fine structures observed in a filament channel", 1999A&A...342..867A [ADS](#)
- Holman, G. D., Cheng, C. C., Gurman, J. B., et al., "Active Regions", 1999mfs..conf..41H [ADS](#)
- Wiik, J. E., Dammasch, I. E., Schmieder, B., & Wilhelm, K., "Multiple-thread model of a prominence observed by SUMER and EIT on SOHO and by GBO's", 1999joso.proc..184W [ADS](#)
- Schmieder, B., Heinzel, P., Vial, J. C., Delaboudinière, J. P., & Delanée, C., "Eruptive filament of May 31, 1997, observed by SOHO", 1999joso.proc..147S [ADS](#)
- Schmieder, B. & Staude, J., "Magnetic fields and oscillations. 3rd Euroconference ASPE98 (Advances in Solar Physics Euroconference 1998), Potsdam/Caputh (Germany), 22 - 25 Sep 1998. Poster contributions.", 1999joso.proc..74S [ADS](#)
- López Fuentes, M., Mandriini, C. H., Démoulin, P., et al., "Calentamiento de arcos coronales en una región activa por reconfiguración topológica del campo magnético.", 1999BAAA...43..24L [ADS](#)
- Rovira, M., Schmieder, B., Démoulin, P., et al., "Bright Points and Subflares in Ultraviolet Lines and X-Rays", 1999ApJ...510..474R [ADS](#)
- , "Third Advances in Solar Physics Euroconference: Magnetic Fields and Oscillations", 1999ASPC..184....S [ADS](#)
- Schmieder, B., "New Perspectives on Solar Prominences", 1999ASPC..158..133S [ADS](#)
- Tsiropoula, G., Madi, C., Schmieder, B., & Preka-Papadema, P., "Analysis of H profiles. Physical parameters of chromospheric mottles: A case study", 1999A&AT...18..455T [ADS](#)
- Aulanier, G., Démoulin, P., Schmieder, B., Fang, C., & Tang, Y. H., "Magneto-hydrostatic Model of a Bald-Patch Flare", 1998SoPh..183..369A [ADS](#)
- Li, K., Schmieder, B., Malherbe, J. M., Roudier, T., & Wiik, J. E., "Physical properties of the quiescent prominence of 5June 1996, from Ha observations", 1998SoPh..183..323L [ADS](#)
- Schmieder, B., Fang, C., & Harra-Murnion, L. K., "Spectral Analysis of a Thermal Flare on 27 October 1993", 1998SoPh..182..447S [ADS](#)
- Harra-Murnion, L. K., Schmieder, B., van Driel-Gesztelyi, L., et al., "Multi-wavelength observations of POST flare loops in two long duration solar flares", 1998A&A...337..911H [ADS](#)
- Schmieder, B., Heinzel, P., Kucera, T., & Vial, J. C., "Filament Observations with SOHO Sumer/cds: The Behaviour of Hydrogen Lyman Lines", 1998SoPh..181..309S [ADS](#)
- Li, K. J., Schmieder, B., & Li, Q. S., "Statistical analysis of the X-ray flares ( $M \geq 1$ ) during the maximum period of solar cycle 22", 1998A&S..131..99L [ADS](#)
- Malherbe, J. M., Schmieder, B., Mein, P., et al., "Arch Filament Systems Associated with X-Ray Loops", 1998SoPh..180..265M [ADS](#)
- You, D., Tang, Y., Fang, C., & Schmieder, B., "A possible interpretation of the inhomogeneity and material motion within the post-flare loop of June 26, 1992", 1998AcASn..39..165Y [ADS](#)
- Malherbe, J. M., Tarbell, T., Wiik, J. E., et al., "The Postflare Loops and the Nearby Active Chromosphere of 1992 June 26: Addendum", 1998ApJ...495..502M [ADS](#)
- Rovira, M., Schmieder, B., Demoulin, P., et al.: 1998, Bright Points and Subflares in UV Lines and in X-Rays, Technical Report, NASA Marshall Space Flight Center Huntsville, AL United States 1998msfc.rept.....R [ADS](#)
- Schmieder, B., Kućera, T., Heinzel, P., & Vial, J. C., "Filament observations with SOHO SUMER/CDS.", 1998joso.proc..136S [ADS](#)
- van Driel-Gesztelyi, L., Baranyi, T., Mein, N., et al., "Evolution of a reversed polarity active region NOAA 7912 in the photosphere, the chromosphere and the corona.", 1998joso.proc..103V [ADS](#)
- Schmieder, B. & Alissandrakis, C., "Three-dimensional structure of solar active regions. 2nd Euroconference ASPE97 (Advances in Solar Physics Euroconference 1997), Preveza (Greece), 7 - 11 Oct 1997. Poster contributions.", 1998joso.proc..78S [ADS](#)
- Schmieder, B., Fontenla, J., & Tandberg-Hanssen, E., "Microflares and active filaments", 1998PAICz..88..63S [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., & Hénoux, J. C., "A study of activity in interacting sunspot groups", 1998PAICz..88..13S [ADS](#)
- Tsiropoula, G., Madi, C., & Schmieder, B., "A method for determining physical parameters in chromospheric mottles", 1998ESASP.421..341T [ADS](#)
- Schmieder, B., Deng, Y., Rudawy, P., et al., "Surges and filaments in active regions during SOHO campaigns", 1998ESASP.421..323S [ADS](#)
- Schmieder, B., van Driel, L., Mein, N., et al., "X-ray jets in a reversed polarity region and interplanetary effects", 1998ESASP.421..157S [ADS](#)
- Aulanier, G., Schmieder, B., Démoulin, P., et al., "3-D Modelling of a Filament Observed in Ha and with SOHO", 1998ESASP.417..217A [ADS](#)
- Schmieder, B., "From one JOSO to another", 1998ASSL..222..84S [ADS](#)
- van Driel-Gesztelyi, L., Mein, P., Mein, N., et al., "Evolution of the Magnetic Field and Chromospheric Fine Structure in a Filament Channel", 1998ASPC..155..321V [ADS](#)
- Rayrole, J., Mein, P., & Schmieder, B., "First Observations with THEMIS", 1998ASPC..155..260R [ADS](#)
- Aulanier, G., Schmieder, B., Démoulin, P., van Driel-Gesztelyi, L., & De-forest, C., "Non potentiality of coronal loops above active regions", 1998ASPC..155..105A [ADS](#)
- , "Second Advances in Solar Physics Euroconference: Three-Dimensional Structure of Solar Active Regions", 1998ASPC..155....A [ADS](#)
- van Driel-Gesztelyi, L., Willson, R. F., Kile, J. N., et al., "X-Ray Jets and Their Radio Signatures at Metric and Centimeter Wavelengths", 1998ASPC..154..707V [ADS](#)
- van Driel-Gesztelyi, L., Schmieder, B., Aulanier, G., et al., "Filament Disparition Brusque and CME - September 25-26, 1996 Event", 1998ASPC..150..366V [ADS](#)
- Kucera, T. A., Poland, A. I., Wiik, J. E., Schmieder, B., & Simnett, G., "Helical Structure in an Eruptive Prominence Related to a CME (SUMER, CDS, LASCO)", 1998ASPC..150..318K [ADS](#)
- Schmieder, B., Kucera, T., Heinzel, P., & Vial, J. C., "SUMER/SOHO Filament Observations in Selected Lyman Lines", 1998ASPC..150..205S [ADS](#)
- Mein, P., Schmieder, B., Malherbe, J. M., et al., "Velocity Fields of a Filament Region Observed with Ground-Based Telescopes and from SOHO", 1998ASPC..150..135M [ADS](#)

- Li, K., Malherbe, J. M., Wiik, J. E., et al., "Dynamics and Fine Structures in Quiescent Prominences (MSDP/Pic du Midi, SOHO/SUMER and CDS)", 1998ASPC..150...32L [ADS](#)
- , "New Perspectives on Solar Prominences", 1998ASPC..150.....W [ADS](#)
- Moore, R. L., Schmieder, B., Hathaway, D. H., & Tarbell, T. D., "3-D Magnetic Field Configuration Late in a Large Two-Ribbon Flare", 1997SoPh..176..153M [ADS](#)
- Wiik, J. E., Schmieder, B., Kucera, T., et al., "Eruptive prominence and associated CME observed with SUMER, CDS and LASCO (SOHO)", 1997SoPh..175..411W [ADS](#)
- Schmieder, B., Aulanier, G., Demoulin, P., et al., "Magnetic reconnection driven by emergence of sheared magnetic field.", 1997A&A...325.1213S [ADS](#)
- Mandrini, C. H., Démoulin, P., BagalÁ, L. G., et al., "Evidence of Magnetic Reconnection from Ha, Soft X-Ray and Photospheric Magnetic Field Observations", 1997SoPh..174..229M [ADS](#)
- Van Driel-Gesztelyi, L., Wiik, J. E., Schmieder, B., et al., "Post-Flare Loops of 26 June 1992 - IV. Formation and Expansion of Hot and Cool Loops", 1997SoPh..174..151V [ADS](#)
- Tsiropoula, G. & Schmieder, B., "Determination of physical parameters in dark mottles.", 1997A&A...324.1183T [ADS](#)
- Gu, X. M., Ding, Y. J., Luo, Z., & Schmieder, B., "Post-flare loops of May 16, 1981. Spectral analysis.", 1997A&A...324..289G [ADS](#)
- Malherbe, J. M., Tarbell, T., Wiik, J. E., et al., "The Postflare Loops and the Nearby Active Chromosphere of 1992 June 26", 1997ApJ...482..535M [ADS](#)
- Kotrč, P., Schmieder, B., Karlický, M., & Heinzel, P., "Optical and Radio Spectral Analysis of a Recurrent Surge", 1997SoPh..172..199K [ADS](#)
- Van Driel-Gesztelyi, L., Csepura, G., Schmieder, B., Malherbe, J. M., & Metcalf, T., "Evolution of a Delta Group in the Photosphere and Corona", 1997SoPh..172..151V [ADS](#)
- Moore, R. L., Schmieder, B., Hathaway, D. H., & Tarbell, T. D., "3-D Magnetic Field Configuration Late in a Large Two-Ribbon Flare", 1997SPD..28.0157M [ADS](#)
- Wiik, J. E., Rudawy, P., Schmieder, B., et al., "'Prominences, filaments and chromospheric activity' June 1996 campaign with SOHO, YOHKOH and Wrocław.", 1997joso.proc...93W [ADS](#)
- Aulanier, G., Démoulin, P., Schmieder, B., et al., "Magnetic reconnection driven by an emerging flux.", 1997joso.proc...51A [ADS](#)
- Schmieder, B., "Advances in the physics of sunspots. Poster contributions. 1st ASPE Meeting, Puerto de la Cruz, Tenerife (Spain), 2 - 6 Oct 1996.", 1997joso.proc...47S [ADS](#)
- Tsiropoula, G., Madi, G., Christopoulou, E., et al., "Two dimensional distribution of physical parameters in dark mottles assuming constant and non-constant source function", 1997jena.confE..60T [ADS](#)
- Schmieder, B., "Flows Through the Magnetically Structured Solar Atmosphere", in G. M. Simnett, C. E. Alissandrakis, and L. Vlahos (Eds.), European Meeting on Solar Physics, Vol. 489, 139 1997LNP...489..139S [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Wiik, J. E., et al., "Solar Magnetic Field Events related to CMEs observed with SOHO (MDI, EIT, SUMER, LASCO)", 1997IAUD..19E..42S [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Wiik, J. E., et al., "Prominence Activity Related to CME Observed by SOHO, YOHKOH and Ground-Based Observatories", 1997ESASP.404..663S [ADS](#)
- Heinzel, P., Schmieder, B., & Vial, J. C., "NLTE Analysis of SUMER Filament Observations on SOHO", 1997ESASP.404..427H [ADS](#)
- Wiik, J. E., van Driel-Gesztelyi, L., Schmieder, B., & Heinzel, P., "Dynamics and evolution of the post-flare loops of June 1992", 1997AdSpR..20.2345W [ADS](#)
- Harra-Murnion, L. K., Plunkett, S. P., Helsdon, S. F., et al., "Analysis of long duration flares", 1997AdSpR..20.2333H [ADS](#)
- Wiik, J. E., Schmieder, B., Kucera, T., & Poland, A., "Coordinated Observations of Prominences with SUMER/CDS and Ground Observatories", 1997ASPC..118..278W [ADS](#)
- , "1st Advances in Solar Physics Euroconference: Advances in the Physics of Sunspots", 1997ASPC..118.....S [ADS](#)
- van Driel-Gesztelyi, L., Wiik, J. E., & Schmieder, B., "Post-flare loops in the chromosphere and corona.", 1997ASIC..494..85V [ADS](#)
- Mandrini, C. H., Démoulin, P., Van Driel-Gesztelyi, L., et al., "3D Magnetic Reconnection at an X-Ray Bright Point", 1996SoPh..168..115M [ADS](#)
- Schmieder, B., Demoulin, P., Aulanier, G., & Golub, L., "Differential Magnetic Field Shear in an Active Region", 1996ApJ...467..881S [ADS](#)
- Wiik, J. E., Schmieder, B., Heinzel, P., & Roudier, T., "Post-Flare Loops of 26 June 1992, III", 1996SoPh..166..89W [ADS](#)
- Schmieder, B., Heinzel, P., Van Driel-Gesztelyi, L., & Lemen, J. R., "Post-Flare Loops of 26 June 1992, II", 1996SoPh..165..303S [ADS](#)
- Schmieder, B., Rovira, M., Simnett, G. M., Fontenla, J. M., & Tandberg-Hanssen, E., "Subflares and surges in AR 2744 during the Solar Maximum Mission.", 1996A&A...308..957S [ADS](#)
- Schmieder, B., Mein, N., Shibata, K., van Driel-Gesztelyi, L., & Kurokawa, H., "Chromospheric ejections and their signatures in X-ray observed by YOHKOH", 1996AdSpR..17d.193S [ADS](#)
- Damé, L., Martic, M., Brown, W. A., et al., "Coordinated SPDE rocket, YOHKOH and ground observations of an emerging flux region and a filament", 1996AdSpR..17d.189D [ADS](#)
- Schmieder, B., Heinzel, P., Wiik, J. E., Lemen, J., & Hiei, E., "Structure and evolution of post-flare loops: analysis of YOHKOH and MSDP observations", 1996AdSpR..17d.111S [ADS](#)
- Wiik, J. E., Foing, B. H., Martens, P., Fleck, B., & Schmieder, B., "High resolution Lyalpha images obtained with the transition region camera (TRC): a comparison with Ha observations", 1996AdSpR..17d.105W [ADS](#)
- van Driel-Gesztelyi, L., Schmieder, B., Demoulin, P., et al., "Emerging Flux, Reconnection, and XBP", 1996mpsaa.conf..459V [ADS](#)
- Schmieder, B., Heinzel, P., van Driel-Gesztelyi, L., Wiik, J. E., & Lemen, J., "Hot and Cool Post-Flare Loops: Formation and Dynamics", 1996mpsaa.conf..211S [ADS](#)
- van Driel-Gesztelyi, L., Schmieder, B., Mandrini, C., et al., "Emerging flux seen by Yohkoh.", 1996joso.proc..124V [ADS](#)
- Van Driel-Gesztelyi, L., Schmieder, B., Cauzzi, G., et al., "X-Ray Bright Point Flares Due to Magnetic Reconnection", 1996SoPh..163..145V [ADS](#)
- Kotrc, P., Schmieder, B., Karlický, M., & Heinzel, P., "Observations and Analysis of Surges in Chromosphere and Lower Corona", 1996RoAJ...6..69K [ADS](#)
- Mandrini, C. H., Démoulin, P., van Driel-Gesztelyi, L., et al., "Reconexión magnética en una región activa en declivamiento", 1996BAAA...40....5M [ADS](#)
- van Driel-Gesztelyi, L., Schmieder, B., Wiik, J. E., et al., "Relative Altitude of Hot and Cool Post-Flare Loops", 1996ASPC..111..359V [ADS](#)
- Demoulin, P., Mandrini, C. H., van Driel-Gesztelyi, L., et al., "3D Magnetic Reconnection: Example of an X-Ray Bright Point", 1996ASPC..111..49D [ADS](#)
- Schmieder, B., Malherbe, J. M., Mein, P., et al., "Signatures of New Emerging Flux in the Solar Atmosphere", 1996ASPC..111..43S [ADS](#)
- Korendyke, C. M., Dere, K. P., Socker, D. G., Brückner, G. E., & Schmieder, B., "Ultraviolet Observations of the Structure and Dynamics of an Active Region at the Limb", 1995ApJ...443..869K [ADS](#)
- Schmieder, B., Heinzel, P., Wiik, J. E., et al., "Relation between Cool and Hot Post-Flare Loops of 26 June 1992 Derived from Optical and X-Ray (SXT-YOHKOH) Observations", 1995SoPh..156..337S [ADS](#)
- Schmieder, B., Shibata, K., van Driel-Gesztelyi, L., & Freeland, S., "Ha surges and associated Soft X-ray loops", 1995SoPh..156..245S [ADS](#)
- Wiik, J. E., Foing, B. H., Schmieder, B., Martens, P., & Fleck, B., "Preparing for SOHO: results from the transition region camera", 1994ESASP.373..433W [ADS](#)
- Schmieder, B. & Mein, P., "THEMIS: its capabilities and key programs", 1994ESASP.373..393S [ADS](#)
- Wiik, J. E., Schmieder, B., Heinzel, P., & Roudier, T., "Dynamics of post-flare loops observed on June 26, 1992", 1994ESASP.373..207W [ADS](#)
- Heinzel, P., Kotrc, P., Schmieder, B., Hiei, E., & Anwar, B., "Coordinated optical and YOHKOH observations of 26 June 1992 flare loops", 1994SSRv...70..181H [ADS](#)
- Schmieder, B., Wiik, J. E., & Dere, K. P., "Hierarchy of spatial scale sin UV prominences", 1994SSRv...70..175S [ADS](#)
- Tsiropoula, G., Schmieder, B., & Alissandrakis, C. E., "Dynamical fine structures of the chromosphere", 1994SSRv...70..65T [ADS](#)
- Tsiropoula, G., Alissandrakis, C. E., & Schmieder, B., "Time evolution of fine structures in the solar chromosphere.", 1994A&A...290..285T [ADS](#)
- Schmieder, B., Peres, G., Enome, S., et al., "Energy Transport and Dynamics", 1994SoPh..153..55S [ADS](#)
- Schmieder, B., Fontenla, J., Tandberg-Hanssen, E., & Simnett, G. M., "Microflares and their Related Events", 1994kofu.symp..339S [ADS](#)
- Schmieder, B., Mouradian, Z., Golub, L., & Antiochos, S., "Coronal Structures Observed in X-rays (NIXT) and Halpha Surges", 1994kofu.symp..317S [ADS](#)
- Schmieder, B., Demoulin, P., Henoux, J. C., et al., "Evolution of Active Regions Leading to Flares", 1994kofu.symp..297S [ADS](#)
- Démoulin, P., Hénoux, J. C., Schmieder, B., et al., "Observational support of reconnection in solar flares", 1994SSRv...68..129D [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Gerle, O., & Simnett, G. M., "Erratum: A study of surges and flares within an active region", 1994SoPh..151..399S [ADS](#)
- Schmieder, B., Golub, L., & Antiochos, S. K., "Comparison between Cool and Hot Plasma Behaviors of Surges", 1994ApJ...425..326S [ADS](#)
- Fontenla, J., Schmieder, B., Simnett, G. M., & Tandberg-Hanssen, E., "Time Evolution of a Miniflare as Seen in H alpha , UV Lines, and X-Rays", 1994ApJ...424.1022F [ADS](#)

- Schmieder, B., Hagyard, M. J., Guoxiang, A., et al., “Relationship between magnetic field evolution and flaring sites in AR 6659 in June 1991”, 1994SoPh..150..199S [ADS](#)
- van Driel-Gesztelyi, L., Hofmann, A., Demoulin, P., Schmieder, B., & Csepura, G., “Relationship between electric currents, photospheric motions, chromospheric activity, and magnetic field topology”, 1994SoPh..149..309V [ADS](#)
- Heinzel, P. & Schmieder, B., “Chromospheric fine structure: Black & white mottles”, 1994A&A...282..939H [ADS](#)
- Wiik, J. E., Heinzel, P., & Schmieder, B., “Electron Densities in Solar Prominences”, 1994scs..conf..381W [ADS](#)
- Wu, S. T., Weng, F. S., Hagyard, M. J., Machado, M., & Schmieder, B., “Interpretation of Magnetic Field Structures of AR 6659 in June 7-10, 1991”, 1994scs..conf..201W [ADS](#)
- Wiik, J. E., Schmieder, B., & Noëns, J. C., “Coronal Cavities Observed Around Prominences”, 1994emsp.conf..167W [ADS](#)
- Schmieder, B., Mouradian, Z., Golub, L., & Antiochos, S., “Coronal Structures Observed in X-Rays (NIXT) and H $\alpha$  Surges”, 1994emsp.conf..159S [ADS](#)
- van Driel-Gesztelyi, L., Démoulin, P., Schmieder, B., Hofmann, A., & Csepura, G., “Twisted Flux Tubes and Sunspot Motions in AR 5555”, 1994emsp.conf..115V [ADS](#)
- Tsiropoula, G., Alissandrakis, C. E., & Schmieder, B., “Time Evolution of Chromospheric Fine Structures”, 1994emsp.conf..111T [ADS](#)
- Heinzel, P. & Schmieder, B., “Black and White Mottles”, 1994emsp.conf..81H [ADS](#)
- , “Poster Papers presented at the Seventh European Meeting on Solar Physics”, 1994emsp.conf.....B [ADS](#)
- Wiik, J. E., Schmieder, B., & Noëns, J. C., “Coronal Environment of Quiescent Prominences”, 1994SoPh..149..51W [ADS](#)
- Schmieder, B., Heinzel, P., Tsiropoula, G., & Alessandrakis, C. E., “Fine structures of the solar chromosphere”, 1994ASIC..433..151S [ADS](#)
- Thompson, W. T., Neupert, W. M., Jordan, S. D., et al., “Correlation of He II Lyman alpha with He I 10830 Å, and with chromospheric and EUV coronal emission”, 1993SoPh..147..29T [ADS](#)
- Schmieder, B., Démoulin, P., Hagyard, M., et al., “Relationship between magnetic field evolution and flaring sites in AR 6659 on June 1991”, 1993AdSpR..13i.123S [ADS](#)
- Schmieder, B., van-Driel, L., Hofmann, A., et al., “Sites of flares and filaments in solar active regions”, 1993AdSpR..13i.119S [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Gerlei, O., & Simnett, G. M., “A Study of Surges and Flares Within an Active Region”, 1993SoPh..146..163S [ADS](#)
- Wiik, J. E., Dere, K., & Schmieder, B., “UV prominences observed with the HRTS: structure and physical properties”, 1993A&A...273..267W [ADS](#)
- van Driel-Gesztelyi, L., Csepura, G., Nagy, I., et al., “Common Evolution of Adjacent Sunspot Groups”, 1993SoPh..145..77V [ADS](#)
- Tsiropoula, G., Alissandrakis, C. E., & Schmieder, B., “The fine structure of a chromospheric rosette”, 1993A&A...271..574T [ADS](#)
- Démoulin, P., van Driel-Gesztelyi, L., Schmieder, B., et al., “Evidence for magnetic reconnection in solar flares”, 1993A&A...271..292D [ADS](#)
- Mein, N., Mein, P., Schmieder, B., et al., “Active Region Evolution Through Coordinated Observations”, 1993ASPC...46..63M [ADS](#)
- Schmieder, B., Wiik, J. E., & Dere, K. P., “Intensity, velocity and turbulence in prominences observed with the HRTS instrument”, 1992JAF....43..36S [ADS](#)
- Schmieder, B., Mein, N., Golub, L., et al., “Underneath coronal loops: MSDP observations coordinated with SERTS 4 and NIXT flights”, 1992ESASP.348..257S [ADS](#)
- Schmieder, B., “Structural Elements of Filaments”, 1992SoPh..141..275S [ADS](#)
- Wiik, J. E., Heinzel, P., & Schmieder, B., “Determination of plasma parameters in a quiescent prominence”, 1992A&A...260..419W [ADS](#)
- Gu, X.-M., Lin, J., Luan, T., & Schmieder, B., “Time evolution of a two-ribbon flare - Characteristics of post-flare loops”, 1992A&A...259..649G [ADS](#)
- Heinzel, P., Schmieder, B., & Mein, P., “Structure and Dynamics of Cool Flare Loops”, 1992SoPh..139..81H [ADS](#)
- Wiik, J. E., Dere, K., & Schmieder, B., “Intensity, velocity and turbulence in prominences observed with the HRTS”, 1992ESASP.344..65W [ADS](#)
- Schmieder, B., “Chromospheric structure and dynamics”, 1992ESASP.344..35S [ADS](#)
- Wiik, J. E., Schmieder, B., Noëns, J. C., & Heinzel, P., “Fine structure analysis of a prominence in H-alpha and coronal lines”, 1992sws..coll..131W [ADS](#)
- Schmieder, B., Dere, K. P., & Wiik, J. E., “Dynamics in the Prominence - Corona Transition Region from HRTS Spectra”, in Z. Svestka, B. V. Jackson, and M. E. Machado (Eds.), IAU Colloq. 133: Eruptive Solar Flares, Vol. 399, 333 1992LNP...399..333S [ADS](#)
- Heinzel, P., Schmieder, B., & Mein, P., “Plasma Parameters Derived from MSDP Observations of Cool Flare Loops”, in Z. Svestka, B. V. Jackson, and M. E. Machado (Eds.), IAU Colloq. 133: Eruptive Solar Flares, Vol. 399, 134 1992LNP...399..134H [ADS](#)
- Schmieder, B., “Post-Flare Loops”, in Z. Svestka, B. V. Jackson, and M. E. Machado (Eds.), IAU Colloq. 133: Eruptive Solar Flares, Vol. 399, 124 1992LNP...399..124S [ADS](#)
- Schmieder, B., Raadu, M. A., & Wiik, J. E., “Fine structure of solar filaments. II - Dynamics of threads and footpoints”, 1991A&A...252..353S [ADS](#)
- Schmieder, B., Fontenla, J., & Tandberg-Hanssen, E., “A microflare-related activation of a filament observed in H-alpha and C IV lines”, 1991A&A...252..343S [ADS](#)
- Schmieder, B., Henoux, J. C., van Driel-Gesztelyi, L., & Simnett, G. M., “Conditions for flare and filament formation in interacting solar active regions”, 1991A&A...244..533S [ADS](#)
- Thompson, W. T., Neupert, W. M., Brosius, J. W., Jones, H. P., & Schmieder, B., “Comparison of SERTS Spectroheliograms with Ground-Based Observations”, 1991BAAS...23R1061T [ADS](#)
- Thompson, W. T. & Schmieder, B., “Oscillations in H $\alpha$  filaments: center-to-limb study”, 1991A&A...243..501T [ADS](#)
- Schmieder, B., Thompson, W. T., Neupert, W. M., Thomas, R. J., & Dere, K. P., “Coordinated observations with high resolution spectrographs (HRTS, SERTS, MSDP)”, 1991AdSpR..11e.255S [ADS](#)
- Schmieder, B., van Driel-Gesztelyi, L., Hénoux, J. C., & Simnett, G., “Flares and filament formation due to the interaction between two active regions”, 1991AdSpR..11e..95S [ADS](#)
- Schmieder, B., Thompson, W. T., & Mein, P., “Oscillations detected in C IV and H $\alpha$  lines in magnetic structures”, 1991AdSpR..11d.195S [ADS](#)
- Dere, K. P., Schmieder, B., & Alissandrakis, C. E., “Flow patterns in a sunspot region observed in the photosphere, chromosphere and transition region”, 1990AA&A...233..207D [ADS](#)
- Schmieder, B., Malherbe, J. M., Simnett, G. M., Forbes, T. G., & Tandberg-Hanssen, E., “Evaporation in the Transition Region during the Gradual Phase of Flares”, 1990ApJ...356..720S [ADS](#)
- Dere, K., Lund, P., & Schmieder, B., “Ultraviolet Spectra of a Prominence”, 1990BAAS...22R.815D [ADS](#)
- Schmieder, B., Thompson, W. T., & Mein, P., “Oscillations detected in H $\alpha$  filaments”, 1990PDHO....7..296S [ADS](#)
- Heinzel, P., Mein, P., & Schmieder, B., “H $\alpha$  diagnostics of 16 May 1981 flare loops”, 1990PDHO....7..272H [ADS](#)
- Schmieder, B., Thompson, W. T., Neupert, W. M., Thomas, R. J., & Dere, K. P., “High Resolution Spectrography in Ultraviolet”, 1990PDHO....7..250S [ADS](#)
- Csepura, G., van Driel-Gesztelyi, L., Nagy, I., et al., “Interaction between Bipolar Sunspot Groups”, 1990PDHO....7..88C [ADS](#)
- Mein, P., Mein, N., Schmieder, B., & Noëns, J. C., “Dynamical Structure of a Quiescent Prominence”, in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 252 1990LNP...363..252M [ADS](#)
- Schmieder, B. & Mein, P., “Evolution of Fine Structures in a Filament”, in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 235 1990LNP...363..235S [ADS](#)
- Schmieder, B., Démoulin, P., Ferreira, J., & Alissandrakis, C. E., “Formation of a Filament around a Magnetic Region”, in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 232 1990LNP...363..232S [ADS](#)
- Schmieder, B., “Mass Motion in and around Prominences”, in V. Ruzdjak and E. Tandberg-Hanssen (Eds.), IAU Colloq. 117: Dynamics of Quiescent Prominences, Vol. 363, 85 1990LNP...363..85S [ADS](#)
- Schmieder, B., Dere, K. P., Raadu, M. A., Démoulin, P., & Alissandrakis, C. E., “Relationship between a spot and a filament observed during spacetab 2 mission”, 1990AdSpR..10i.195S [ADS](#)
- Zarro, D., Alexander, D., Fludra, A., et al., “Flare Dynamics”, 1989nti.conf....2Z [ADS](#)
- Mein, P., Schmieder, B., & Tandberg-Hanssen, E., “A surge in the chromosphere and the transition region: velocities and microturbulence”, 1989sasf.confP.223M [ADS](#)
- Priest, E. R., Gaizauskas, V., Hagyard, M. J., et al., “Preflare activity”, 1989epos.conf....1P [ADS](#)
- Mein, P., Mein, N., Schmieder, B., & Noëns, J. C., “Dynamical Structure of a Quiescent Prominence”, 1989HvaOB..13..113M [ADS](#)
- Schmieder, B. & Mein, P., “Evolution of Fine Structures in a Filament”, 1989HvaOB..13..31S [ADS](#)
- Schmieder, B., Démoulin, P., Ferreira, J., & Alissandrakis, C. E., “Formation of a Filament around a Magnetic Region”, 1989HvaOB..13..1S [ADS](#)
- Schmieder, B., “Overall properties and steady flows”, 1989ASSL..150..15S [ADS](#)

- Alissandrakis, C. E., Dialetis, D., Mein, P., Schmieder, B., & Simon, G., "The Evershed flow in the solar photosphere, chromosphere and chromosphere-corona transition region", 1988A&A...201..339A [ADS](#)
- Schmieder, B., Mein, P., Simnett, G. M., & Tandberg-Hanssen, E., "An example of the association of X-ray and UV emission with H-alpha surges", 1988A&A...201..327S [ADS](#)
- Raadu, M. A., Schmieder, B., Mein, N., & Gesztesy, L., "Photospheric-induced destabilization and ejection of prominence material", 1988A&A...197..289R [ADS](#)
- Schmieder, B., Demoulin, P., Poland, A., & Thompson, B., "Some dynamical aspects of a quiescent filament", 1988A&A...197..281S [ADS](#)
- Floquet, M. & Schmieder, B., "The Role of the Observatoire de Paris, Meudon in Providing Astronomical Information", 1988scaa.conf..224F [ADS](#)
- Noëns, J. C., Schmieder, B., & Mein, P., "Environment and dynamics of a prominence observed at Pic du Midi.", 1988dssp.conf..177N [ADS](#)
- Mein, P. & Schmieder, B., "Velocity shear and microturbulence in solar filaments a differential cloud model.", 1988dssp.conf..17M [ADS](#)
- Schmieder, B., "Overall properties and steady flows.", 1988dssp.conf....5S [ADS](#)
- Schmieder, B. & Mein, P., "Variations of the Solar Limb Brightness with the Oscillations", 1988IAUS..123..429S [ADS](#)
- Schmieder, B., Mein, P., Malherbe, J. M., & Forbes, T. G., "Post-flare loops: formation and velocity", 1988AdSpR...8k.145S [ADS](#)
- Malherbe, J. M., Schmieder, B., Simon, G., Mein, P., & Tandberg-Hanssen, E., "Closed Magnetic Structures in the Chromosphere and in the Transition Region", 1987SoPh..112..233M [ADS](#)
- Dere, K. P. & Schmieder, B., "Chromospheric and Transition Zone Flows in a Solar Active Region", 1987BAAS...19.1118D [ADS](#)
- Demoulin, P., Malherbe, J. M., Schmieder, B., & Raadu, M. A., "Fine structures in solar filaments. I - Observations and thermal stability", 1987A&A...183..142D [ADS](#)
- Schmieder, B., Forbes, T. G., Malherbe, J. M., & Machado, M. E., "Evidence for Gentle Chromospheric Evaporation during the Gradual Phase of Large Solar Flares", 1987ApJ...317..956S [ADS](#)
- Raadu, M. A., Malherbe, J. M., Schmieder, B., & Mein, P., "Material Ejecta in a Disturbed Solar Filament", 1987SoPh..109..59R [ADS](#)
- Noëns, J. C., Schmieder, B., & Mein, P., "Environment and Dynamics of a Prominence Observed at Pic-Du", 1987dssp.work..177N [ADS](#)
- Mein, P. & Schmieder, B., "Velocity Shear and Microturbulence in Solar Filaments", 1987dssp.work..17M [ADS](#)
- Schmieder, B., "Overall Properties and Steady Flows", 1987dssp.work....5S [ADS](#)
- Simon, G., Mein, N., Schmieder, B., Tandberg-Hanssen, E., & Wu, S. T., "On the onset of eruptive prominences and coronal transients.", 1987PAICz..66..211S [ADS](#)
- Alissandrakis, C. E., Dialetis, D., Mein, P., Schmieder, B., & Simon, G., "The Evershed flow in the solar photosphere, chromosphere and chromosphere-corona transition region.", 1987PAICz..66..147A [ADS](#)
- Schmieder, B., Mein, P., Martres, M. J., Simnett, G., & Tandberg-Hanssen, E., "Surges as tracers of magnetic lines", 1987PAICz..66..109S [ADS](#)
- Raadu, M. A., Schmieder, B., Mein, N., & Gesztesy, L., "Photospheric Induced Destabilization and Ejection of Prominence Material", 1987HvaOB..11..105R [ADS](#)
- Malherbe, J. M., Schmieder, B., Mein, P., & Tandberg-Hanssen, E., "Dynamics of solar filaments. V - Oscillations in the H-alpha and 1548 Å C IV lines", 1987A&A...172..316M [ADS](#)
- Raadu, M. A., Malherbe, J.-M., Schmieder, B., & Mein, P.: 1986, *Material ejecta in a disturbed solar filament* 1986STIN...8722594R [ADS](#)
- Simon, G., Gesztesy, L., Schmieder, B., & Mein, N., "Filament eruption connected to photospheric activity", 1986NASCSP2442..229S [ADS](#)
- Schmieder, B., Malherbe, J. M., Mein, P., & Tandberg-Hanssen, E., "On the existence of oscillations in solar filaments observed in H-&alpha; and C IV lines.", 1986NASCSP2442..197S [ADS](#)
- Simon, G., Schmieder, B., Demoulin, P., Malherbe, J. M., & Poland, A. I., "Constraints on filament models deduced from dynamical analysis.", 1986NASCSP2442..177S [ADS](#)
- Demoulin, P., Malherbe, J.-M., Schmieder, B., & Raadu, M. A., "Thermal stability analysis of the fine structure of solar prominences.", 1986NASCSP2442..143D [ADS](#)
- Simon, G., Schmieder, B., Demoulin, P., & Poland, A. I., "Dynamics of solar filaments. VI - Center-to-limb study of H-alpha and C IV velocities in a quiescent filament", 1986A&A...166..319S [ADS](#)
- Schmieder, B. & Mein, P., "The effect of solar oscillations on the brightness of the limb", 1986A&A...161....7S [ADS](#)
- Priest, E. R., Gaizauskas, V., Hagyard, M. J., et al., "Preflare activity", 1986NASCSP2439....1P [ADS](#)
- Machado, M. E., Gary, G. A., Hagyard, M. J., et al., "Characteristics, location and origin of flare activity in a complex active region", 1986AdSpR...6f..33M [ADS](#)
- Schmieder, B., Malherbe, J. M., Simon, G., & Poland, A. I., "Dynamics of solar filaments. IV - Structure and mass flow of an active region filament", 1985A&A...153..64S [ADS](#)
- Ribes, E., Mein, P., Malherbe, J. M., & Schmieder, B., "Recent Progress in the Physics of Solar Prominences", 1985spit.conf..467R [ADS](#)
- Mein, P., Malherbe, J. M., Schmieder, B., Simon, G., & Tandberg-Hanssen, E., "Mass fluxes and magnetic structures in the chromosphere and the transition region: canopies", 1985cdm..proc..206M [ADS](#)
- Mein, P., Malherbe, J. M., Mein, N., Mouradian, Z., & Schmieder, B., "Mass motions in Hα absorbing structures of the solar chromosphere.", 1985MPARp.212..316M [ADS](#)
- Mein, P., Malherbe, J. M., Mouradian, Z., et al., "Bright Points in H Wings and Mass Flows in the Solar Chromosphere", in R. Muller (Ed.), High Resolution in Solar Physics, Vol. 223, 203 1985LNP...233..203M [ADS](#)
- Schmieder, B., Malherbe, J. M., & Raadu, M. A., "Twisting motions in a disturbed solar filament", 1985A&A...142..249S [ADS](#)
- Schmieder, B., Mein, P., Martres, M. J., & Tandberg-Hanssen, E., "Dynamic evolution of recurrent mass ejections observed in Hα and C IV lines", 1984SoPh...94..133S [ADS](#)
- Schmieder, B., Malherbe, J. M., Mein, P., & Tandberg-Hanssen, E., "Dynamics of solar filaments. III - Analysis of steady flows in H-alpha and C IV lines", 1984A&A...136..81S [ADS](#)
- Schmieder, B., Malherbe, J. M., Mein, P., & Tandberg-Hanssen, E., "Oscillations and stationary motions in filaments", 1984MmSAI..55..325S [ADS](#)
- Schmieder, B., Ribes, B., Mein, P., & Malherbe, J. M., "Study of giant cell motions and their possible relationship with the dynamics of filaments", 1984MmSAI..55..319S [ADS](#)
- Staiger, J., Mattig, W., Schmieder, B., & Deubner, F. L., "Phase-spectra of solar oscillations", 1984MmSAI..55..147S [ADS](#)
- Schmieder, B., Simon, G., Martres, M. J., et al., "Recurrent mass ejections observed in Hα and CIV", 1984AdSpR...4g..27S [ADS](#)
- Martres, M. J., Woodgate, B. E., Mein, N., et al., "Flare build-up study - Homologous flares group - Part I", 1984AdSpR...4g..5M [ADS](#)
- Schmieder, B., Mein, P., Vial, J. C., & Tandberg-Hanssen, E., "Dynamics of a surge observed in the C IV and H alpha lines", 1983A&A...127..337S [ADS](#)
- Malherbe, J. M., Schmieder, B., Ribes, E., & Mein, P., "Dynamics of solar filaments. II - Mass motions in an active region filament from H-alpha center to limb observations", 1983A&A...119..197M [ADS](#)
- Mein, N., Schmieder, B., Simon, G., Tandberg-Hanssen, E., & Wu, S. T., "Dynamics of the eruptive prominence of 6 May 1980 and its relationship to the coronal transient", 1982A&A...114..192M [ADS](#)
- Schmieder, B., Mein, P., Vial, J. C., & Tandberg-Hanssen, E., "A surge observed in Hα and CIV", 1982AdSpR...2k.225S [ADS](#)
- Martres, M. J., Mein, N., Mein, P., et al., "About the onsets of closely-consecutive homologous flares", 1982AdSpR...2k.109M [ADS](#)
- Malherbe, J. M., Mein, P., & Schmieder, B., "Mass motions in a quiescent filament", 1982AdSpR...2k..57M [ADS](#)
- Malherbe, J. M., Simon, G., Mein, P., et al., "Preflare heating of filaments", 1982AdSpR...2k..53M [ADS](#)
- Malherbe, J. M., Schmieder, B., & Mein, P., "Dynamics in the filaments. I - Oscillations in a quiescent filament", 1981A&A...102..124M [ADS](#)
- Mein, N. & Schmieder, B., "Mechanical flux in the solar chromosphere. III - Variation of the mechanical flux", 1981A&A...97..310M [ADS](#)
- Martres, M. J., Mein, P., Schmieder, B., & Soru-Escaut, I., "Structure and Evolution of Velocities in Quiescent Filaments", 1981SoPh...69..301M [ADS](#)
- Schmieder, B. & Mein, N., "Mechanical flux in the solar chromosphere. II - Determination of the mechanical flux", 1980A&A...84..99S [ADS](#)
- Malherbe, J. M., Martres, M. J., Mein, P., Schmieder, B., & Soru-Escaut, I., "Motions and Oscillations in Filaments", 1980jfss.conf..166M [ADS](#)
- Mein, P., Mein, N., & Schmieder, B., "Observational Proof of the Inefficiency of the Chromospheric Heating by Acoustic Waves", 1980jfss.conf...70M [ADS](#)
- Schmieder, B., "Waves in the low solar chromosphere.", 1979A&A...74..273S [ADS](#)
- Schmieder, B., "Linear hydrodynamical equations coupled with radiative transfer in a non-isothermal atmosphere. II: Application to solar photospheric observations", 1978SoPh...57..245S [ADS](#)
- Schmieder, B., "Linear hydrodynamical equations coupled with radiative transfer in a non-isothermal atmosphere. I. Method.", 1977SoPh...54..269S [ADS](#)
- Schmieder, B., "Wave propagation in the photosphere.", 1976SoPh...47..435S [ADS](#)
- Schmieder, B., "Interpretation of photospheric observations by wave theory", 1976pmas.conf..275S [ADS](#)
- Schmieder, B., "Fluctuations of Temperature and Density in the Photosphere", 1972A&A...16..44S [ADS](#)
- Schmieder, B., "Sur le Temps de Relaxation des Perturbations en Température dans la Photosphère", 1969CRASB.269..935S [ADS](#)