

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

- Luna, M., Merou Mestre, J.-R., & Auchère, F., “Automatic detection technique for solar filament oscillations in GONG data”, 2022arXiv220905087L [ADS](#)
- Mandal, S., Chitta, L. P., Antolin, P., et al., “What drives decayless kink oscillations in active region coronal loops on the Sun?”, 2022arXiv220904251M [ADS](#)
- Rachmeler, L. A., Bueno, J. T., McKenzie, D. E., et al., “Quiet Sun Center to Limb Variation of the Linear Polarization Observed by CLASP2 Across the Mg II h and k Lines”, 2022ApJ...936...67R [ADS](#)
- Telloni, D., Zank, G. P., Sorriso-Valvo, L., et al., “Linking Small-scale Solar Wind Properties with Large-scale Coronal Source Regions through Joint Parker Solar Probe-Metis/Solar Orbiter Observations”, 2022ApJ...935...112T [ADS](#)
- Mandal, S., Chitta, L. P., Peter, H., et al., “A highly dynamic small-scale jet in a polar coronal hole”, 2022A&A...664A..28M [ADS](#)
- Giunta, A., Peter, H., Parenti, S., et al., “Abundance diagnostics in active regions with Solar Orbiter/SPICE”, 2022cosp...44.2583G [ADS](#)
- Panesar, N. K., Zhukov, A., Berghmans, D., et al., “The Magnetic Origin of Solar Campfires: Observations by Solar Orbiter and SDO”, 2022cosp...44.2564P [ADS](#)
- Chen, Y., Peter, H., Berghmans, D., et al., “Transient small-scale brightenings in the quiet solar corona: a model for campfires observed with Solar Orbiter”, 2022cosp...44.2557C [ADS](#)
- Luna, M., Auchère, F., & Mérou-Mestre, J.-R., “Automated technique for detecting oscillations in solar filaments”, 2022cosp...44.2425L [ADS](#)
- Auchère, F., Peter, H., Parenti, S., et al., “The SPICE spectrograph on Solar Orbiter: an introduction and results from the first Orbits”, 2022cosp...44.1338A [ADS](#)
- Abbo, L., Fineschi, S., Parenti, S., et al., “The observed large scale equatorial UV corona: new perspectives with ‘recent’, ‘future’ and ‘old’ data”, 2022cosp...44.1327A [ADS](#)
- Alipour, N., Safari, H., Verbeeck, C., et al., “Automatic detection of small-scale EUV brightenings observed by the Solar Orbiter/EUI”, 2022A&A...663A.128A [ADS](#)
- Telloni, D., Zank, G. P., Stangalini, M., et al., “Observation of Magnetic Switch-back in the Solar Corona”, 2022arXiv220603090T [ADS](#)
- Mierla, M., Zhukov, A. N., Berghmans, D., et al., “Prominence eruption observed in He II 304 Å up to  $>6 R_{\odot}$  by EUI/FSI aboard Solar Orbiter”, 2022A&A...662L...5M [ADS](#)
- Parenti, S., Réville, V., Brun, A. S., et al., “Validation of a Wave Heated 3D MHD Coronal-wind Model using Polarized Brightness and EUV Observations”, 2022ApJ...929...75P [ADS](#)
- Kahil, F., Hirzberger, J., Solanki, S. K., et al., “The magnetic drivers of campfires seen by the Polarimetric and Helioseismic Imager (PHI) on Solar Orbiter”, 2022A&A...660A.143K [ADS](#)
- Pelouze, G., Auchère, F., Bocchialini, K., et al., “The role of asymmetries in coronal rain formation during thermal non-equilibrium cycles”, 2022A&A...658A..71P [ADS](#)
- Gordino, M., Auchère, F., Vial, J. C., et al., “Empirical relations between the intensities of Lyman lines of H and He”, 2022A&A...657A..86G [ADS](#)
- McKenzie, D., Ishikawa, R., Trujillo Bueno, J., et al., “Demonstration of Chromospheric Magnetic Mapping with CLASP2.I”, 2021AGUFMSH52A..06M [ADS](#)
- Regnault, F., Janvier, M., Strugarek, A., Auchère, F., & Al-Haddad, N., “3D modelling of Titov-Demoulin modified Flux Ropes propagation in the Solar Wind”, 2021AGUFMSH33A..04R [ADS](#)
- Zhukov, A., Mierla, M., Auchère, F., et al., “Stereoscopy of extreme UV quiet Sun brightenings observed by Solar Orbiter/EUI”, 2021AGUFMSH21A..03Z [ADS](#)
- Berghmans, D., Auchère, F., Zhukov, A., et al., “Campfires observed by EUI: What have we learned so far?”, 2021AGUFMSH21A..02B [ADS](#)
- Podladchikova, O., Harra, L., Barczynski, K., et al., “Full Vector Velocity Reconstruction Using Solar Orbiter Doppler Map Observations.”, 2021AGUFMNG35B0432P [ADS](#)
- Mandal, S., Peter, H., Chitta, L. P., et al., “Propagating brightenings in small loop-like structures in the quiet-Sun corona: Observations from Solar Orbiter/EUI”, 2021A&A...656L..16M [ADS](#)
- Andretta, V., Bemporad, A., De Leo, Y., et al., “The first coronal mass ejection observed in both visible-light and UV H I Ly- $\alpha$  channels of the Metis coronagraph on board Solar Orbiter”, 2021A&A...656L..14A [ADS](#)
- Chitta, L. P., Solanki, S. K., Peter, H., et al., “Capturing transient plasma flows and jets in the solar corona”, 2021A&A...656L..13C [ADS](#)
- Chen, Y., Przybylski, D., Peter, H., et al., “Transient small-scale brightenings in the quiet solar corona: A model for campfires observed with Solar Orbiter”, 2021A&A...656L...7C [ADS](#)
- Berghmans, D., Auchère, F., Long, D. M., et al., “Extreme-UV quiet Sun brightenings observed by the Solar Orbiter/EUI”, 2021A&A...656L...4B [ADS](#)
- Fludra, A., Caldwell, M., Giunta, A., et al., “First observations from the SPICE EUV spectrometer on Solar Orbiter”, 2021A&A...656A..38F [ADS](#)
- Zhukov, A. N., Mierla, M., Auchère, F., et al., “Stereoscopy of extreme UV quiet Sun brightenings observed by Solar Orbiter/EUI”, 2021A&A...656A..35Z [ADS](#)
- Romoli, M., Antonucci, E., Andretta, V., et al., “First light observations of the solar wind in the outer corona with the Metis coronagraph”, 2021A&A...656A..32R [ADS](#)
- Panesar, N. K., Tiwari, S. K., Berghmans, D., et al., “The Magnetic Origin of Solar Campfires”, 2021ApJ...921L..20P [ADS](#)
- Podladchikova, O., Harra, L., Barczynski, K., et al., “Stereoscopic measurements of coronal Doppler velocities”, 2021A&A...655A..57P [ADS](#)
- Telloni, D., Andretta, V., Antonucci, E., et al., “Exploring the Solar Wind from Its Source on the Corona into the Inner Heliosphere during the First Solar Orbiter-Parker Solar Probe Quadrature”, 2021ApJ...920L..14T [ADS](#)
- Peter, H., Ballester, E. A., Andretta, V., et al., “Magnetic imaging of the outer solar atmosphere (MImOSA)”, 2021ExA...tmp...95P [ADS](#)
- Podladchikova, O., Harra, L., Barczynski, K., et al., “Vector Velocities Measurements with the Solar Orbiter SPICE Spectrometer”, 2021AAAS...23831312P [ADS](#)
- McKenzie, D., Ishikawa, R., Trujillo Bueno, J., et al., “Mapping of Solar Magnetic Fields from the Photosphere to the Top of the Chromosphere with CLASP”, 2021AAAS...23810603M [ADS](#)
- Horbury, T. S., Laker, R., Rodríguez, L., et al., “Signatures of coronal hole substructure in the solar wind: combined Solar Orbiter remote sensing and in situ measurements”, 2021arXiv210414960H [ADS](#)
- Ishikawa, R., Bueno, J. T., del Pino Alemán, T., et al., “Mapping solar magnetic fields from the photosphere to the base of the corona”, 2021SciA....7.8406I [ADS](#)
- Regnault, F., Dasso, S., Auchère, F., et al., “20 years of ACE data: how superposed epoch analyses reveal generic features in interplanetary CME profiles”, 2021cosp...43E1017R [ADS](#)
- Podladchikova, O., Harra, L. K., Mandrini, C. H., et al., “Stereoscopic Measurements of Coronal Doppler Velocities aboard Solar Orbiter”, 2021cosp...43E.957P [ADS](#)
- Berghmans, D., Harra, L. K., Zhukov, A., et al., “The Extreme ultraviolet imager onboard Solar Orbiter”, 2021cosp...43E.949B [ADS](#)
- Peter, H., Alsina Ballester, E., Andretta, V., et al., “Magnetic Imaging of the Outer Solar Atmosphere (MImOSA): Unlocking the driver of the dynamics in the upper solar atmosphere”, 2021arXiv210101566P [ADS](#)
- Volpicelli, C., Landini, F., Pancrazzi, M., et al., “The MDOR/PDOR on-line module for MISO, the planning software of Solar Orbiter instruments”, 2020SPIE11452E..05V [ADS](#)
- Tsuzuki, T., Ishikawa, R., Kano, R., et al., “Optical design of the Chromospheric LAyer Spectro-Polarimeter (CLASP2)”, 2020SPIE11444E..6WT [ADS](#)
- Kawate, T., Tsuzuki, T., Shimizu, T., et al., “A sensitivity analysis of the updated optical design for EUVST on the Solar-C mission”, 2020SPIE11444E..3JK [ADS](#)
- Shimizu, T., Imada, S., Kawate, T., et al., “The Solar-C (EUVST) mission: the latest status”, 2020SPIE11444E..0NS [ADS](#)
- Horbury, T. S., Auchère, F., Antonucci, E., et al., “Solar Orbiter: connecting remote sensing and in situ measurements”, 2020AGUFMSH038..10H [ADS](#)
- Zambrana Prado, N., Buchlin, E., Peter, H., et al., “Relative coronal abundance diagnostics with Solar Orbiter/SPICE”, 2020AGUFMSH038..09Z [ADS](#)
- Podladchikova, O., Harra, L. K., Barczynski, K., et al., “Stereoscopic Measurements of Coronal Doppler Velocities”, 2020AGUFMSH038..07P [ADS](#)
- Peter, H., Aznar Cuadrado, R., Schühle, U., et al., “Dynamics and thermal structure in the quiet Sun seen by SPICE”, 2020AGUFMSH038..03P [ADS](#)
- Fludra, A., Caldwell, M., Giunta, A. S., et al., “First Results From SPICE EUV Spectrometer on Solar Orbiter”, 2020AGUFMSH038..02F [ADS](#)
- Parenti, S., Berghmans, D., Buchlin, E., et al., “Observation of Smallest Ever Detected Brightening Events with the Solar Orbiter EUI HRI-EUV Imager”, 2020AGUFMSH038..01P [ADS](#)
- Thompson, W. T., Schühle, U., Young, P. R., et al., “Calibrating optical distortions in the Solar Orbiter SPICE spectrograph”, 2020AGUFMSH0360029T [ADS](#)
- Aznar Cuadrado, R., Berghmans, D., Teriaca, L., et al., “Very high-resolution observations of the solar atmosphere in H I Lyman alpha and Fe IX-X at 17.4 nm as seen by EUI aboard Solar Orbiter”, 2020AGUFMSH0360026A [ADS](#)
- Auchère, F., Gissot, S., Teriaca, L., et al., “First Images and Initial In-Flight Performance of the Extreme Ultraviolet Imager On-Board Solar Orbiter”, 2020AGUFMSH0360025A [ADS](#)
- Buchlin, E., Teriaca, L., Giunta, A. S., et al., “First results from the EUI and SPICE observations of Alpha Leo near Solar Orbiter first perihelion”, 2020AGUFMSH0360024B [ADS](#)

- Teriaca, L., Aznar Cuadrado, R., Giunta, A. S., et al., "First results from combined EUI and SPICE observations of Lyman lines of Hydrogen and He II", 2020AGUFMSH0360003T [ADS](#)
- Regnault, F., Janvier, M., Démoulin, P., et al., "20 Years of ACE Data: How Superposed Epoch Analyses Reveal Generic Features in Interplanetary CME Profiles", 2020JGRA..12528150R [ADS](#)
- SPICE Consortium, Anderson, M., Appourchaux, T., et al., "The Solar Orbiter SPICE instrument. An extreme UV imaging spectrometer", 2020A&A..642A..14S [ADS](#)
- Howard, R. A., Vourlidas, A., Colaninno, R. C., et al., "The Solar Orbiter Heliospheric Imager (SoloHI)", 2020A&A..642A..13H [ADS](#)
- Antonucci, E., Romoli, M., Andretta, V., et al., "Metis: the Solar Orbiter visible light and ultraviolet coronal imager", 2020A&A..642A..10A [ADS](#)
- Rochus, P., Auchère, F., Berghmans, D., et al., "The Solar Orbiter EUI instrument: The Extreme Ultraviolet Imager", 2020A&A..642A..8R [ADS](#)
- Auchère, F., Andretta, V., Antonucci, E., et al., "Coordination within the remote sensing payload on the Solar Orbiter mission", 2020A&A..642A..6A [ADS](#)
- Velli, M., Harra, L. K., Vourlidas, A., et al., "Understanding the origins of the heliosphere: integrating observations and measurements from Parker Solar Probe, Solar Orbiter, and other space- and ground-based observatories", 2020A&A..642A..4V [ADS](#)
- Zouganelis, I., De Groof, A., Walsh, A. P., et al., "The Solar Orbiter Science Activity Plan. Translating solar and heliospheric physics questions into action", 2020A&A..642A..3Z [ADS](#)
- Rouillard, A. P., Pinto, R. F., Vourlidas, A., et al., "Models and data analysis tools for the Solar Orbiter mission", 2020A&A..642A..2R [ADS](#)
- Müller, D., St. Cyr, O. C., Zouganelis, I., et al., "The Solar Orbiter mission. Science overview", 2020A&A..642A..1M [ADS](#)
- Hassler, D. M., Newmark, J., Gibson, S., et al., "The Solaris Solar Polar Mission", 2020EGUGA..2217703H [ADS](#)
- Pelouze, G., Auchère, F., Bocchialini, K., et al., "Spectroscopic detection of coronal plasma flows in loops undergoing thermal non-equilibrium cycles", 2020A&A..634A..54P [ADS](#)
- Moses, J. D., Antonucci, E., Newmark, J., et al., "Global helium abundance measurements in the solar corona", 2020NatAs...4.1134M [ADS](#)
- Yoshida, M., Suematsu, Y., Ishikawa, R., et al., "High-frequency Wave Propagation Along a Spicule Observed by CLASP", 2019ApJ..887....2Y [ADS](#)
- McKenzie, D. E., Ishikawa, R., Trujillo Bueno, J., et al., "The Chromospheric Layer Spectro-Polarimeter (CLASP2) Sounding Rocket Mission: First Results", 2019AGUFMSH44A..06M [ADS](#)
- Hassler, D., Auchere, F., Carlsson, M., et al., "The SPICE (Spectral Imaging of the Coronal Environment) Ultraviolet Imaging Spectrograph Investigation", 2019AGUFMSH24A..02H [ADS](#)
- Rochus, P. L., Auchère, F., Berghmans, D., et al., "The Solar Orbiter EUI instrument: The Extreme Ultraviolet Imager", 2019AGUFMSH21D3291R [ADS](#)
- Berghmans, D., D'Huys, E., Zhukov, A., & Auchere, F., "From PROBA2/SWAP to Solar Orbiter/EUI: exploring the outer edge of the EUV corona.", 2019AGUFMSH13A..01B [ADS](#)
- Rachmeler, L., McKenzie, D. E., Ishikawa, R., et al., "Center-to-Limb Variation of the polarization of Mg II h & k lines as measured by CLASP2", 2019AGUFMSH11D3380R [ADS](#)
- Shimizu, T., Imada, S., Kawate, T., et al., "The Solar-CEUVST mission", 2019SPIE11118E..07S [ADS](#)
- Dennefeld, M., Koutchmy, S., Sèvre, F., et al., "Pointing the NTT at the Sun: Studying the Solar Corona During the Total Eclipse", 2019Msngr.177...54D [ADS](#)
- Mazzoli, A., Halain, J. P., Auchère, F., et al., "Optical alignment of the Solar Orbiter EUI flight instrument", 2019SPIE11118E..10M [ADS](#)
- Kano, R., Ishikawa, R., McKenzie, D. E., et al., "Lyman- $\alpha$  imaging polarimetry with the CLASP2 sounding rocket mission", 2019AAS..23430216K [ADS](#)
- McKenzie, D. E., Ishikawa, R., Kano, R., et al., "The Chromospheric Layer Spectro-Polarimeter (CLASP2) Sounding Rocket Mission: First Results", 2019AAS..23412601M [ADS](#)
- Pelouze, G., Auchère, F., Bocchialini, K., et al., "Comprehensive Determination of the Hinode/EIS Roll Angle", 2019SoPh..294...59P [ADS](#)
- Ishikawa, R., Trujillo Bueno, J., Uitenbroek, H., et al., "Comparison of Scattering Polarization Signals Observed by CLASP: Possible Indication of the Hanle Effect", 2019ASPC..526..305I [ADS](#)
- Štěpán, J., Trujillo Bueno, J., Gunár, S., et al., "Modeling the Scattering Polarization of the Hydrogen Ly $\alpha$  Line Observed by CLASP in a Filament Channel", 2019ASPC..526..165S [ADS](#)
- Auchère, F., Astafyeva, E., Baudin, F., et al.: 2019, *Groupe de Travail Soleil Heliosphere-Magnetospheres (SHM)*, CNES: Rapport du Groupe de Travail Soleil Heliosphere-Magnetospheres (SHM), 1-28, 2019. 2019shm..rept....1A [ADS](#)
- Buchlin, E., Caminade, S., Dufourg, N., et al., "Solar data, dataproducts, and tools at MEDOC", 2019EGUGA..2117362B [ADS](#)
- Auchère, F., Froment, C., Soubrié, E., et al., "The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain", 2018csc..confE.114A [ADS](#)
- Berghmans, D., Rochus, P., Auchère, F., et al., "The EUI instrument onboard Solar Orbiter: the EUV corona imaged differently", 2018csc..confE..73B [ADS](#)
- Trujillo Bueno, J., Štěpán, J., Belluzzi, L., et al., "CLASP Constraints on the Magnetization and Geometrical Complexity of the Chromosphere-Corona Transition Region", 2018ApJ...866L..15T [ADS](#)
- Štěpán, J., Trujillo Bueno, J., Belluzzi, L., et al., "A Statistical Inference Method for Interpreting the CLASP Observations", 2018ApJ...865...48S [ADS](#)
- Pelouze, G., Parenti, S., Bocchialini, K., et al., "Search for predicted periodic flows in loops undergoing thermal non-equilibrium", 2018cosp...42E2623P [ADS](#)
- Ishikawa, R., Sakao, T., Katsukawa, Y., et al., "Current State of UV Spectro-Polarimetry and its Future Direction", 2018cosp...42E1564I [ADS](#)
- Auchere, F., "Prospects for coronal magnetic field measurements from space", 2018cosp...42E.143A [ADS](#)
- Yoshida, M., Song, D., Ishikawa, R., et al., "Wavefront error measurements and alignment of CLASP2 telescope with a dual-band pass cold mirror coated primary mirror", 2018SPIE10699E..30Y [ADS](#)
- Song, D., Ishikawa, R., Kano, R., et al., "Optical alignment of the high-precision UV spectro-polarimeter (CLASP2)", 2018SPIE10699E..2WS [ADS](#)
- Halain, J. P., Renotte, E., Auchère, F., et al., "The EUI flight instrument of Solar Orbiter: from optical alignment to end-to-end calibration", 2018SPIE10699E..0HH [ADS](#)
- Froment, C., Auchère, F., Mikić, Z., et al., "On the Occurrence of Thermal Nonequilibrium in Coronal Loops", 2018ApJ...855...52F [ADS](#)
- Auchère, F., Froment, C., Soubrié, E., et al., "The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain", 2018ApJ...853..176A [ADS](#)
- Halain, J. P., Mazzoli, A., Rochus, P., et al., "EUV high resolution imager on-board solar orbiter: optical design and detector performances", 2017SPIE10564E..3VH [ADS](#)
- Schmit, D., Sukhorukov, A. V., De Pontieu, B., et al., "Comparison of Solar Fine Structure Observed Simultaneously in Ly $\alpha$  and Mg II h", 2017ApJ...847...141S [ADS](#)
- Ishikawa, S.-n., Kubo, M., Katsukawa, Y., et al., "CLASP/SJ Observations of Rapid Time Variations in the Ly $\alpha$  Emission in a Solar Active Region", 2017ApJ...846..127I [ADS](#)
- Caldwell, M. E., Morris, N., Griffin, D. K., et al., "The VUV instrument SPICE for Solar Orbiter: performance ground testing", 2017SPIE10397E..08C [ADS](#)
- Rachmeler, L., E McKenzie, D., Ishikawa, R., et al., "CLASP2: The Chromospheric LAyer Spectro-Polarimeter", 2017SPD...4811010R [ADS](#)
- Rachmeler, L. A., McKenzie, D. E., Ishikawa, R., et al., "CLASP2: The Chromospheric LAyer Spectro-Polarimeter", 2017shin.confe..79R [ADS](#)
- Appourchaux, T., Auchère, F., Antonucci, E., et al., "SOLARIS: Solar Sail Investigation of the Sun", 2017arXiv170708193A [ADS](#)
- Ishikawa, R., Trujillo Bueno, J., Uitenbroek, H., et al., "Indication of the Hanle Effect by Comparing the Scattering Polarization Observed by CLASP in the Ly $\alpha$  and Si III 120.65 nm Lines", 2017ApJ...841...31I [ADS](#)
- Giono, G., Ishikawa, R., Narukage, N., et al., "Polarization Calibration of the Chromospheric Lyman-Alpha SpectroPolarimeter for a 0.1 Polarization Sensitivity in the VUV Range. Part II: In-Flight Calibration", 2017SoPh..292...57G [ADS](#)
- Kano, R., Trujillo Bueno, J., Winebarger, A., et al., "Discovery of Scattering Polarization in the Hydrogen Ly $\alpha$  Line of the Solar Disk Radiation", 2017ApJ...839L..10K [ADS](#)
- Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., "Erratum: textquotedblleft On the Fourier and Wavelet Analysis of Coronal Time Series textquotedblright (<A href="https://doi.org/10.3847/0004-637x/825/2/110">2016, ApJ, 825, 110</A>)", 2017ApJ...838..166A [ADS](#)
- Narukage, N., Kubo, M., Ishikawa, R., et al., "High-Reflectivity Coatings for a Vacuum Ultraviolet Spectropolarimeter", 2017SoPh..292...40N [ADS](#)
- Froment, C., Auchère, F., Aulanier, G., et al., "Long-period Intensity Pulses in Coronal Loops Explained by Thermal Non-equilibrium Cycles", 2017ApJ...835..272F [ADS](#)
- Giono, G., Ishikawa, R., Narukage, N., et al., "Polarization Calibration of the Chromospheric Lyman-Alpha SpectroPolarimeter for a 0.1 Polarization Sensitivity in the VUV Range. Part I: Pre-flight Calibration", 2016SoPh..291.3831G [ADS](#)
- Kubo, M., Katsukawa, Y., Suematsu, Y., et al., "Discovery of Ubiquitous Fast-Propagating Intensity Disturbances by the Chromospheric Lyman Alpha Spectropolarimeter (CLASP)", 2016ApJ...832..141K [ADS](#)

- Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., "Thermal Non-Equilibrium Revealed by Periodic Pulses of Random Amplitudes in Solar Coronal Loops", 2016usc..confE.131A [ADS](#)
- Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., "Fourier and Wavelet Analysis of Coronal Time Series", 2016usc..confE.130A [ADS](#)
- Guennou, C., Auchère, F., Bocchialini, F., et al., "GAIA-DEM: a database providing AIA/SDO DEM maps", 2016usc..confE.108G [ADS](#)
- Froment, C., Auchère, F., Aulanier, G., et al., "Long-period Intensity Pulsations as the Manifestation of the Heating Stratification and Timescale in Coronal Loops", 2016usc..confE..47F [ADS](#)
- Lavraud, B., Liu, Y., Segura, K., et al., "A small mission concept to the Sun-Earth Lagrangian L5 point for innovative solar, heliospheric and space weather science", 2016JASTP.146..171L [ADS](#)
- Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., "Thermal Non-equilibrium Revealed by Periodic Pulses of Random Amplitudes in Solar Coronal Loops", 2016ApJ...827..152A [ADS](#)
- Guennou, C., Auchère, F., Seaton, D., & Rachmeler, L., "Life-cycle of a large-scale polar coronal pseudostreamer/cavity system", 2016cosp...41E.749G [ADS](#)
- Giunta, A., Haberreiter, M., Peter, H., et al., "Solar abundances with the SPICE spectral imager on Solar Orbiter", 2016cosp...41E.681G [ADS](#)
- Fludra, A., Haberreiter, M., Peter, H., et al., "The SPICE Spectral Imager on Solar Orbiter: Linking the Sun to the Heliosphere", 2016cosp...41E.607F [ADS](#)
- Giono, G., Katsukawa, Y., Ishikawa, R., et al., "Optical alignment of the Chromospheric Lyman-Alpha Spectro-Polarimeter using sophisticated methods to minimize activities under vacuum", 2016SPIE.9905E..3DG [ADS](#)
- Halain, J. P., Rochus, P., Renotte, E., et al., "The qualification campaign of the EUI instrument of Solar Orbiter", 2016SPIE.9905E..2XH [ADS](#)
- Narukage, N., McKenzie, D. E., Ishikawa, R., et al., "Chromospheric LYAyer SpectroPolarimeter (CLASP2)", 2016SPIE.9905E..08N [ADS](#)
- Auchère, F., Froment, C., Bocchialini, K., Buchlin, E., & Solomon, J., "On the Fourier and Wavelet Analysis of Coronal Time Series", 2016ApJ...825..110A [ADS](#)
- Rachmeler, L., Guennou, C., Seaton, D. B., Gibson, S., & Auchère, F., "Tracking a large pseudostreamer to pinpoint the southern polar magnetic field reversal", 2016SPD...4740104R [ADS](#)
- Kano, R., Ishikawa, R., Winebarger, A. R., et al., "Spectro-polarimetric observation in UV with CLASP to probe the chromosphere and transition region", 2016SPD...4710107K [ADS](#)
- Guennou, C., Rachmeler, L., Seaton, D., & Auchère, F., "Life-cycle of a large-scale polar coronal pseudostreamer/cavity system", 2016FrASS...3...14G [ADS](#)
- Ko, Y.-K., Moses, J., Laming, J., et al., "Waves and Magnetism in the Solar Atmosphere (WAMIS)", 2016FrASS...3...1K [ADS](#)
- Strachan, L., Ko, Y. K., Moses, J. D., et al., "Waves and Magnetism in the Solar Atmosphere (WAMIS)", 2015IAUS..305..121S [ADS](#)
- Halain, J. P., Mazzoli, A., Meining, S., et al., "The extreme ultraviolet imager of solar orbiter: optical design and alignment scheme", 2015SPIE.9604E..0FH [ADS](#)
- Halain, J. P., Rochus, P., Renotte, E., et al., "The extreme UV imager telescope on-board the Solar Orbiter mission: overview of phase C and D", 2015SPIE.9604E..0GH [ADS](#)
- Ishikawa, R., Kano, R., Winebarger, A., et al., "CLASP: A UV Spectropolarimeter on a Sounding Rocket for Probing the Chromosphere-Corona Transition Regio", 2015IAUGA..2254536I [ADS](#)
- Rachmeler, L. A., Guennou, C., Seaton, D., & Auchère, F., "Probing Solar Cycle 24's southern polar field reversal with a pseudostreamer", 2015shin.confE..65R [ADS](#)
- Froment, C., Auchère, F., Bocchialini, K., et al., "Evidence for Evaporation-incomplete Condensation Cycles in Warm Solar Coronal Loops", 2015ApJ...807..158F [ADS](#)
- Ko, Y. K., Auchère, F., Casini, R., et al., "Waves and Magnetism in the Solar Atmosphere (WAMIS)", 2014AGUFMSH53B4221K [ADS](#)
- Lavraud, B., Liu, Y. D., Harrison, R. A., et al., "Instant: An Innovative L5 Small Mission Concept for Coordinated Science with Solar Orbiter and Solar Probe Plus", 2014AGUFMSH21B4109L [ADS](#)
- Ishikawa, R., Bando, T., Hara, H., et al., "Precision VUV Spectropolarimetry for Solar Chromospheric Magnetic Field Measurements", 2014ASPC..489..319I [ADS](#)
- Kubo, M., Kano, R., Kobayashi, K., et al., "A Sounding Rocket Experiment for the Chromospheric Lyman-Alpha Spectro-Polarimeter (CLASP)", 2014ASPC..489..307K [ADS](#)
- Giono, G., Ishikawa, R., Katsukawa, Y., et al., "Current progress of optical alignment procedure of CLASP's Lyman-alpha polarimetry instrument", 2014SPIE.9144E..3EG [ADS](#)
- Halain, J. P., Rochus, P., Renotte, E., et al., "The extreme UV imager of solar orbiter: from detailed design to flight model", 2014SPIE.9144E..08H [ADS](#)
- Auchère, F., Bocchialini, K., Solomon, J., & Tison, E., "Long-period intensity pulsations in the solar corona during activity cycle 23", 2014AA&A...563A..8A [ADS](#)
- Narukage, N., Katsukawa, Y., Hara, H., et al., "UV spectropolarimeter design for precise polarization measurement and its application to the CLASP for exploration of magnetic fields in solar atmosphere", 2014cosp...40E2232N [ADS](#)
- Meltchakov, E., Auchere, F., Delmotte, F., et al., "Innovative multilayer coated optics for Solar Physics", 2014cosp...40E2069M [ADS](#)
- Lavraud, B., Vial, J.-C., Harrison, R., et al., "INSTANT: INvestigation of Solar-Terrestrial Associated Natural Threats", 2014cosp...40E1758L [ADS](#)
- Kano, R., Katsukawa, Y., Kubo, M., et al., "Chromospheric Lyman-alpha spectro-polarimeter (CLASP)", 2014cosp...40E1383K [ADS](#)
- Froment, C., Solomon, J., Buchlin, E., et al., "Observations and possible interpretations of very long period intensity pulsations in solar coronal loops", 2014cosp...40E.903F [ADS](#)
- Auchere, F., Von Steiger, R., McMullin, D., & Newmark, J., "The Solar EUV flux in the 3D Heliosphere", 2014cosp...40E.150A [ADS](#)
- Auchère, F., Fineschi, S., Gan, W., et al., "MASC: Magnetic Activity of the Solar Corona", 2014cosp...40E.149A [ADS](#)
- Auchère, F. & Gopalswamy, N., "Future L5 Missions for Solar Physics and Space Weather", 2014cosp...40E.148A [ADS](#)
- BenMoussa, A., Gissot, S., Schühle, U., et al., "On-Orbit Degradation of Solar Instruments", 2013SoPh..288..389B [ADS](#)
- Guennou, C., Auchère, F., Klimchuk, J. A., Bocchialini, K., & Parenti, S., "Can the Differential Emission Measure Constrain the Timescale of Energy Deposition in the Corona?", 2013ApJ...774..31G [ADS](#)
- Seaton, D. B., Berghmans, D., Nicula, B., et al., "The SWAP EUV Imaging Telescope Part I: Instrument Overview and Pre-Flight Testing", 2013SoPh..286..43S [ADS](#)
- Kobayashi, K., Kano, R., Trujillo Bueno, J., et al., "Chromospheric Lyman Alpha SpectroPolarimeter: CLASP", 2013SPD...44..142K [ADS](#)
- Auchère, F. & Vial, J. C., "The LYOT+ UV/EUV instrumentation for measuring the magnetic field in the corona", 2013EGUGA..1513788A [ADS](#)
- Auchère, F. & Soubrié, E., "FESTIVAL 5.0 - AIA and more !", 2013enss.confE.141A [ADS](#)
- Alingery, P., Soubrié, E., Auchère, F., et al., "MEDIA : MEDoc Interface for AIA", 2013enss.confE..88A [ADS](#)
- Guennou, C., Auchère, F., Seaton, D., et al., "Tomographic reconstructions of large scale coronal structures", 2013enss.confE..83G [ADS](#)
- Guennou, C., Auchère, F., Klimchuk, J. A., Bocchialini, K., & Parenti, S., "Can the Differential Emission Measure diagnostic be used to constrain the timescale of energy deposition in the corona?", 2013enss.confE..34G [ADS](#)
- Guennou, C., Auchère, F., Soubrié, E., & Bocchialini, K., "GAIA-DEM : The Gaussian AIA DEM Maps database", 2013enss.confE..7G [ADS](#)
- Barbey, N., Guennou, C., & Auchère, F., "TomograPy: A Fast, Instrument-Independent, Solar Tomography Software", 2013SoPh..283..227B [ADS](#)
- Dudok de Wit, T., Moussaoui, S., Guennou, C., et al., "Coronal Temperature Maps from Solar EUV Images: A Blind Source Separation Approach", 2013SoPh..283..31D [ADS](#)
- Guennou, C., Auchère, F., Soubrié, E., et al., "On the Accuracy of the Differential Emission Measure Diagnostics of Solar Plasmas. Application to SDO/AIA. II. Multithermal Plasmas", 2012ApJS..203..26G [ADS](#)
- Guennou, C., Auchère, F., Soubrié, E., et al., "On the Accuracy of the Differential Emission Measure Diagnostics of Solar Plasmas. Application to SDO/AIA. I. Isothermal Plasmas", 2012ApJS..203..25G [ADS](#)
- Floyd, L. E., McMullin, D. R., & Auchere, F., "Measurements and Modeling of Heliospheric EUV Spectral Irradiance and Luminosity", 2012AGUFMSH11B2212F [ADS](#)
- Teriaca, L., Andretta, V., Auchère, F., et al., "LEMUR: Large European module for solar Ultraviolet Research. European contribution to JAXA's Solar-C mission", 2012ExA....34..273T [ADS](#)
- Kano, R., Bando, T., Narukage, N., et al., "Chromospheric Lyman-alpha spectro-polarimeter (CLASP)", 2012SPIE.8443E..4FK [ADS](#)
- Antonucci, E., Fineschi, S., Naletto, G., et al., "Multi Element Telescope for Imaging and Spectroscopy (METIS) coronagraph for the Solar Orbiter mission", 2012SPIE.8443E..09A [ADS](#)
- Halain, J. P., Rochus, P., Renotte, E., et al., "The EUI instrument on board the Solar Orbiter mission: from breadboard and prototypes to instrument model validation", 2012SPIE.8443E..07H [ADS](#)
- Guennou, C., Parenti, S., Bocchialini, K., et al., "On the Thermal diagnostics of Coronal Loops with SDO/AIA", 2012cosp...39..675G [ADS](#)
- Auchère, F., Guennou, C., & Barbey, N., "Tomographic reconstruction of polar plumes", 2012EAS...55..207A [ADS](#)

- Peter, H., Abbo, L., Andretta, V., et al., "Solar magnetism eXplorer (*SolmeX*). Exploring the magnetic field in the upper atmosphere of our closest star", *2012ExA...* 33..271P [ADS](#)
- Gopalswamy, N., Davila, J. M., Auchère, F., et al., "Earth-Affecting Solar Causes Observatory (*EASCO*): a mission at the Sun-Earth L5", *2011SPIE.8148E..0ZG* [ADS](#)
- Auchère, F., Zhang, X., Delmotte, F., Melchakov, E., & BenMoussa, A., "Development of multilayer thin film filters for the full-sun imager on Solar Orbiter", *2011SPIE.8148E..0NA* [ADS](#)
- Moses, J. D., Brown, C., Doschek, G., et al., "The coronal suprathermal particle explorer (*C-SPEX*)", *2011SPIE.8148E..0JM* [ADS](#)
- Wilhelm, K., Abbo, L., Auchère, F., et al., "Morphology, dynamics and plasma parameters of plumes and inter-plume regions in solar coronal holes", *2011A&ARv..19..35W* [ADS](#)
- Leibacher, J. W., Soubrié, E., Auchère, F., & Baudin, F., "AIA Observations of Sunspot Waves", *2011SPD....42.2115L* [ADS](#)
- Moses, J. D., Brown, C. M., Doschek, G. A., et al., "The Coronal Suprathermal Particle Explorer (*C-SPEX*)", *2011SPD....42.1519M* [ADS](#)
- Barbey, N., Guennou, C., & Auchère, F.: 2011, *TomograPy: A Fast, Instrument-Independent, Solar Tomography Software*, Astrophysics Source Code Library, record ascl:1104.001 *2011ascl.soft04001B* [ADS](#)
- Gopalswamy, N., Davila, J. M., St. Cyr, O. C., et al., "Earth-Affecting Solar Causes Observatory (*EASCO*): A potential International Living with a Star Mission from Sun-Earth L5", *2011JASTP..73..658G* [ADS](#)
- Huang, J., Démoulin, P., Pick, M., et al., "Initiation and Early Development of the 2008 April 26 Coronal Mass Ejection", *2011ApJ...729..107H* [ADS](#)
- Auchère, F., Rizzi, J., Philippin, A., & Rochus, P., "Minimization of the shadow patterns produced by periodic mesh grids in extreme ultraviolet telescopes", *2011JOSAA..28..40A* [ADS](#)
- Floyd, L. E., McMullin, D. R., & Auchere, F., "Center-to-Limb Variation in the Solar HeII 30.4 nm Emission Line from STEREO EUVT", *2010AGUFMSH31C1803F* [ADS](#)
- Ruiz de Galarraga Fanjul, C., Philippin, A., Vial, J. C., et al., "Definition of an imaging spectrometer meeting the needs of UV solar physics", *2010SPIE.7732E..36R* [ADS](#)
- Halain, J.-P., Rochus, P., Appourchaux, T., et al., "The technical challenges of the Solar-Orbiter EUI instrument", *2010SPIE.7732E..0RH* [ADS](#)
- Newmark, J., Moses, J., Antonucci, E., et al., "HERSCHEL Sounding Rocket Mission Observations of the Helium Corona", *2010AAS...21640721N* [ADS](#)
- Derouich, M., Auchère, F., Vial, J. C., & Zhang, M., "Hantle signatures of the coronal magnetic field in the linear polarization of the hydrogen La line", *2010A&A...511A..7D* [ADS](#)
- Parenti, S., Bocchialini, K., Soubrie, E., et al., "The SDO data centre at IDOC/MEDOC in France", *2010cosp...38.2888P* [ADS](#)
- Auchère, F., Bocchialini, K., Solomon, J., Gabriel, A., & Tison, E., "Automatic detection and statistical analysis of intensity oscillations in the solar corona with SDO", *2010cosp...38.2863A* [ADS](#)
- Solomon, J., Auchère, F., Bocchialini, K., Gabriel, A., & Tison, E., "On the observations and possible interpretations of very long period intensity oscillations of solar coronal loops", *2010cosp...38.2853S* [ADS](#)
- Auchère, F. & McMullin, D., "Modeling and forecasting the 3D solar EUV flux", *2010cosp...38.1097A* [ADS](#)
- Dai, Y., Auchère, F., Vial, J. C., Tang, Y. H., & Zong, W. G., "Large-scale Extreme-Ultraviolet Disturbances Associated with a Limb Coronal Mass Ejection", *2010ApJ...708..913D* [ADS](#)
- Derouich, M., Auchère, F., Vial, J. C., & Millard, A. A., "Polarimetry of the La Line for Coronal Magnetic Field Diagnostic", *2009ASPC..405..389D* [ADS](#)
- Pick, M., Kerdraon, A., Auchère, F., et al., "Coronal and Interplanetary Structures Associated with Type III Bursts", *2009SoPh..256..101P* [ADS](#)
- Hecquet, C., Delmotte, F., Ravet-Krill, M.-F., et al., "Design and performance of two-channel EUV multilayer mirrors with enhanced spectral selectivity", *2009ApPhA..95..401H* [ADS](#)
- Barstow, M. A., Burleigh, M. R., Bannister, N. J., et al., "Stellar and galactic environment survey (*SAGE*)", *2009Ap&SS..320..231B* [ADS](#)
- Appourchaux, T., Liewer, P., Watt, M., et al., "POLAR investigation of the Sun-POLARIS", *2009ExA....23.1079A* [ADS](#)
- Barstow, M. A., Kowalski, M. P., Cruddace, R. G., et al., "Stellar And Galactic Environment survey (*SAGE*)", *2009ExA....23..169B* [ADS](#)
- Kretzschmar, M., Dudok de Wit, T., Lilenstein, J., et al., "Solar EUV/FUV irradiance variations: analysis and observational strategy", *2009AcGeo..57..42K* [ADS](#)
- McMullin, D. R., Auchère, F., Cook, J. W., et al., "Solar EUV Spectral Irradiance Throughout The 3-Dimensional Heliosphere", *2008AGUFMSH13B1522M* [ADS](#)
- Dudok de Wit, T., Kretzschmar, M., Aboudarham, J., et al., "Which solar EUV indices are best for reconstructing the solar EUV irradiance?", *2008AdSpR..42..903D* [ADS](#)
- Amblard, P. O., Moussaoui, S., Dudok de Wit, T., et al., "The EUV Sun as the superposition of elementary Suns", *2008A&A...487L..13A* [ADS](#)
- Gautier, J., Delmotte, F., Françoise Ravet, M., et al., "Two channel multilayer mirrors for astrophysics", *2008optCo.281..3032G* [ADS](#)
- Barbey, N., Auchère, F., Rodet, T., & Vial, J.-C., "A Time-Evolving 3D Method Dedicated to the Reconstruction of Solar Plumes and Results Using Extreme Ultraviolet Data", *2008SoPh..248..409B* [ADS](#)
- Auchère, F., Soubrié, E., Bocchialini, K., & LeGall, F., "FESTIVAL: A Multi-scale Visualization Tool for Solar Imaging Data", *2008SoPh..248..213A* [ADS](#)
- Howard, R. A., Moses, J. D., Vourlidas, A., et al., "Sun Earth Connection Coronal and Heliospheric Investigation (*SECCHI*)", *2008SSRv..136..67H* [ADS](#)
- Lilensten, J., Dudok de Wit, T., Kretzschmar, M., et al., "Review on the solar spectral variability in the EUV for space weather purposes", *2008AnGeo..26..269L* [ADS](#)
- Vial, J.-C., Derouich, M., Auchere, F., & Zhang, M., "Polarisation and magnetic depolarization of the Lyman-alpha line in the corona : the line-of-sight effects", *2008cosp...37.3340V* [ADS](#)
- Dudok de Wit, T., Kretzschmar, M., Moussaoui, S., et al., "The EUV Sun as a superposition of 3 elementary Suns", *2008cosp...37..763D* [ADS](#)
- Vial, J. C., Auchère, F., Chang, J., et al., "SMESE (SMall Explorer for Solar Eruptions): A microsatellite mission with combined solar payload", *2008AdSpR..41..183V* [ADS](#)
- Howard, R. A., Moses, J. D., Vourlidas, A., et al., "The SECCHI Experiment on the STEREO Mission", *2007AGUSMSH3A..01H* [ADS](#)
- Plunkett, S. P., Howard, R. A., Moses, J. D., et al., "Stereo Observations Of The Solar Corona Using The Secchi Experiment", *2007AAS...21011901P* [ADS](#)
- Dudok de Wit, T. & Auchère, F., "Multispectral analysis of solar EUV images: linking temperature to morphology", *2007A&A...466..347D* [ADS](#)
- Hochedez, J. F., Appourchaux, T., Defise, J. M., et al., "EUI, The Ultraviolet Imaging Telescopes Of Solar Orbiter", *2007ESASP..641E..33H* [ADS](#)
- Vial, J. C., Auchère, F., Chang, J., et al., "SMESE: A SMall Explorer for Solar Eruptions", *2007AdSpR..40.1787V* [ADS](#)
- Howard, R. A., Moses, J. D., Vourlidas, A., et al., "The SECCHI Experiment on the STEREO Mission", *2006AGUFMSM12A..02H* [ADS](#)
- Barbey, N., Auchère, F., Rodet, T., Bocchialini, K., & Vial, J.-C., "Rotational Tomography of the Solar Corona-Calculation of the Electron Density and Temperature", *2006ESASP..617E..82B* [ADS](#)
- Bochsler, P., Auchère, F., & Skoug, R. M., "Helium/Hydrogen Fractionation in the Solar Wind-How Much is Due to Inefficient Coulomb Drag?", *2006ESASP..617E..28B* [ADS](#)
- Millard, A. A., Auchère, F., Fang, C., et al., "SMESE: a combined UV-IR-X-gamma solar mission", *2006SPIE.6266E..0JM* [ADS](#)
- Hanuise, C., Cerisier, J. C., Auchère, F., et al., "From the Sun to the Earth: impact of the 27-28 May 2003 solar events on the magnetosphere, ionosphere and thermosphere", *2006AnGeo..24..129H* [ADS](#)
- Wang, C., Fang, C., Gan, W., et al., "A brief introduction to SMESE mission", *2006ilws.conf..211W* [ADS](#)
- Vial, J. C., Auchère, F., Chang, J., et al., "SMESE: a Small Explorer for the Study of Solar Eruptions", *2006cosp...36.3294V* [ADS](#)
- Vial, J. C., Auchère, F., Chang, J., et al., "SMESE, a SMall Explorer for the Study of solar Eruptions", *2006cosp...36.3287V* [ADS](#)
- Dudok de Wit, T., Lilenstein, J., Aboudarham, J., et al., "Can the EUV spectrum and its variability be reconstructed from a small set of spectral lines?", *2006cosp...36..991D* [ADS](#)
- Artzner, G., Auchère, F., Delaboudinière, J. P., & Bougnet, M., "An atlas of solar events: 1996-2005", *2006AdSpR..38..390A* [ADS](#)
- Appourchaux, T., Auchère, F., Bocchialini, K., et al., "The Beleinos cornerstone: the Sun, the star close to Earth", *2005ESASP..588..389A* [ADS](#)
- Slemzin, V. A., Kuzin, S. V., Zhitnik, I. A., et al., "Observations of Solar EUV Radiation with the CORONAS-F/SPIRIT and SOHO/EIT Instruments", *2005SoSyR..39..489S* [ADS](#)
- Grechnev, V. V., Chertok, I. M., Slemzin, V. A., et al., "CORONAS-F/SPIRIT EUV observations of October-November 2003 solar eruptive events in combination with SOHO/EIT data", *2005JGRA..110.9S07G* [ADS](#)
- Auchère, F., "EMMA: The EIT MPEG Movies Archive at the Multi Experiment Data Operation Center", *2005ESASP..592..671A* [ADS](#)
- Auchère, F., McMullin, D. R., Cook, J. W., et al., "A Model for Solar EUV Flux Helium Photoionization Throughout the 3-Dimensional Heliosphere", *2005ESASP..592..327A* [ADS](#)
- Vives, S., Lamy, P., Auchère, F., et al., "Formation flyers applied to solar coronal observations: the ASPICS mission", *2005SPIE.5901..305V* [ADS](#)
- Auchère, F., Song, X., Rouesnel, F., et al., "Innovative designs for the imaging suite on Solar Orbiter", *2005SPIE.5901..298A* [ADS](#)
- Auchère, F., Cook, J. W., Newmark, J. S., et al., "The Heliospheric He II 30.4 nm Solar Flux During Cycle 23", *2005ApJ...625.1036A* [ADS](#)

- Auchère, F., “Effect of the H I Ly $\alpha$  Chromospheric Flux Anisotropy on the Total Intensity of the Resonantly Scattered Coronal Radiation”, 2005ApJ...622..737A [ADS](#)
- Auchère, F., Cook, J. W., Newmark, J. S., et al., “Model of the all-sky He II 30.4 nm solar flux”, 2005AdSpR..35..388A [ADS](#)
- Moses, J. D., Newmark, J., McMullin, D., et al., “HERSCHEL Suborbital Program: 3-D Applications for the STEREO Mission”, 2004AGUFMSH23A..08M [ADS](#)
- McMullin, D. R., Auchere, F., Cook, J., et al., “A Model For EUV Flux Through-out The 3-Dimensional Heliosphere”, 2004AGUFMSH21B0423M [ADS](#)
- Zhukov, A. N. & Auchère, F., “On the nature of EIT waves, EUV dimmings and their link to CMEs”, 2004A&A...427..705Z [ADS](#)
- Auchère, F. & Artzner, G. E., “EIT Observations of the 15 November 1999 Mercury Transit”, 2004SoPh..219..217A [ADS](#)
- Wuelser, J.-P., Lemen, J. R., Tarbell, T. D., et al., “EUVI: the STEREO-SECCHI extreme ultraviolet imager”, 2004SPIE.5171..111W [ADS](#)
- Rochus, P. L., Defise, J.-M., Halain, J.-P., et al., “MAGRITTE: an instrument suite for the solar atmospheric imaging assembly (AIA) aboard the Solar Dynamics Observatory”, 2004SPIE.5171..53R [ADS](#)
- Auchère, F., McMullin, D., Cook, J., et al., “Model for 3-D Heliospheric EUV Irradiance and Photoionization”, 2004cosp...35.2558A [ADS](#)
- Artzner, G., Auchère, F., Delaboudinière, J. P., & Bougnet, M., “An atlas of solar events: 1997-2004”, 2004cosp...35.2494A [ADS](#)
- Noens, J. C., Balestat, M. F., Jimenez, R., et al., “H/He+ intensity variations of the cool corona”, 2004IAUS..223..291N [ADS](#)
- Romoli, M., Antonucci, E., Fineschi, S., et al., “The Ultraviolet and Visible-light Coronagraph of the HERSCHEL experiment”, 2003AIPC..679..846R [ADS](#)
- Vial, J.-C., Song, X., Lemaire, P., et al., “The solar high-resolution imager - coronagraph LYOT mission”, 2003SPIE.4853..479V [ADS](#)
- Rochus, P., Defise, J. M., Halain, J. P., et al., “MAGRITTE / SPECTRE : the Solar Atmospheric Imaging Assembly (AIA) aboard the Solar Dynamics Observatory”, 2002AGUFMSH21C..05R [ADS](#)
- Moses, J. D., Newmark, J., Howard, R., et al., “HELIum Resonance Scattering in the Corona and HELiosphere (HERSCHEL)”, 2002AGUSMSH21B..03M [ADS](#)
- Clette, F., Hochedez, J. F., Newmark, J. S., et al., “The Radiometric Calibration of the Extreme Ultraviolet Imaging Telescope”, 2002ISSIR...2..121C [ADS](#)
- Auchère, F., Hassler, D. M., Slater, D. C., & Woods, T. N., “SWRI/LASP Sound-ing Rocket Inter-Calibration With The Eit Instrument On Board SOHO”, 2001SoPh..202..269A [ADS](#)
- Newmark, J. S., Cook, J. W., Auchere, F., Moses, J. D., & Clette, F., “In-flight Calibration of SOHO EIT”, 2001AGUSM..SP21B06N [ADS](#)
- Auchère, F., “The Height Variations of the Solar Chromosphere”, 2001AGUSM..SH21B03A [ADS](#)
- Auchère, F.: 2000, “An Observational Study of Helium in the Solar Corona with the EIT Instrument on Board the SOHO Spacecraft”, Ph.D. thesis, Institut d’Astrophysique Spatiale 2000PhDT.....69A [ADS](#)
- Hassler, D. M., Auchere, F., Handy, B., et al., “Results from the 2 November 1998 SwRI/LASP Sounding Rocket Campaign”, 2000SPD....31.0216H [ADS](#)
- Auchère, F., DeForest, C. E., & Artzner, G., “In-Flight Determination of the Plate Scale of the Extreme-Ultraviolet Imaging Telescope”, 2000ApJ...529L.115A [ADS](#)
- Auchère, F., DeForest, C. E., & Artzner, G., “In Flight Determination of the Plate Scale of the EIT”, 1999astro.ph.12213A [ADS](#)
- Auchère, F., Hassler, D. M., Slater, D. C., & Woods, T. N., “SwRI/LASP sounding rocket intercalibration with the EIT instrument on board SoHO”, 1999SPIE.3765..351A [ADS](#)
- Defise, J.-M., Clette, F., & Auchere, F., “In-flight characterization and compensation of the optical properties of the EIT instrument”, 1999SPIE.3765..341D [ADS](#)
- Koutchmy, S., di Folco, E., Auchere, F., et al., “The Prolate Solar Chromosphere”, 1999ESASP.446..385K [ADS](#)
- Hassler, D. M., Auchere, F., Slater, D., & Woods, T. N., “SwRI/LASP sounding rocket inter-calibration with SOHO/EIT”, 1999BAAS...31.1241H [ADS](#)
- Hassler, D. M., Auchere, F., Slater, D., & Woods, T. N., “SwRI/LASP Sounding Rocket Inter-calibration with SOHO/EIT”, 1999AAS...19410803H [ADS](#)
- Artzner, G. E., Auchere, F., Delaboudiniere, J.-P., & Hochedez, J.-F. E., “Equivalent focal length measurements”, 1999SPIE.3737..32A [ADS](#)
- Auchere, F., Boulade, S., Koutchmy, S., et al., “The prolate solar chromosphere”, 1998A&A...336L..57A [ADS](#)
- Auchère, F., Delaboudinière, J. P., Koutchmy, S., & Boulade, S., “The polar extension of the solar chromosphere”, 1998ESASP.421..245A [ADS](#)