

Bibliography from ADS file: straus.bib

September 14, 2022

- 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](#)
- 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](#)
- Grimani, C., Andretta, V., Chioetto, P., et al., “*Cosmic-ray flux predictions and observations for and with Metis on board Solar Orbiter*”, 2021A&A...656A..15G [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](#)
- Casini, C., Da Deppo, V., Zuppella, P., et al., “*On-ground flat-field calibration of the Metis coronagraph onboard the Solar Orbiter ESA mission*”, 2021SPIE11852E..5BC [ADS](#)
- Romoli, M., Andretta, V., Bemporad, A., et al., “*Challenges during Metis-Solar Orbiter commissioning phase*”, 2021SPIE11852E..5AR [ADS](#)
- Liberatore, A., Fineschi, S., Casti, M., et al., “*In-flight calibration of Metis coronagraph on board of Solar Orbiter*”, 2021SPIE11852E..48L [ADS](#)
- Da Deppo, V., Chioetto, P., Andretta, V., et al., “*In-flight optical performance assessment for the Metis solar coronagraph*”, 2021SPIE11852E..10D [ADS](#)
- Lundkvist, M. S., Ludwig, H.-G., Collet, R., & Straus, T., “*The signature of granulation in a solar power spectrum as seen with CO⁵BOLD*”, 2021MNRAS.501.2512L [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..0Sv [ADS](#)
- Antonucci, E., Romoli, M., Andretta, V., et al., “*Metis: the Solar Orbiter visible light and ultraviolet coronal imager*”, 2020A&A...642A..10A [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](#)
- 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](#)
- Bemporad, A., Criscuoli, S., Del Moro, D., et al., “*Preface*”, 2019NCimC..42...1B [ADS](#)
- Straus, T., Marconi, M., & Alcalà, J. M., “*The third CO5BOLD workshop*”, 2017MmSAI..88...5S [ADS](#)
- Pancrazzi, M., Straus, T., Andretta, V., et al., “*A virtual appliance as proxy pipeline for the Solar Orbiter/Metis coronagraph*”, 2016SPIE.9913E..4LP [ADS](#)
- Fleck, B., Straus, T., & Wedemeyer, S., “*Testing Wave Propagation Properties in the Solar Chromosphere with ALMA and IRIS*”, 2016SPD...47.0102F [ADS](#)
- Straus, T., Fleck, B., & Andretta, V., “*A steady-state supersonic downflow in the transition region above a sunspot umbra*”, 2015A&A...582A.116S [ADS](#)
- Fleck, B., Straus, T., & Andretta, V., “*Observations of a Steady-State Supersonic Downflow in the Transition Region above a Sunspot Umbra*”, 2015TESS...120311F [ADS](#)
- Fleck, B., De Pontieu, B., Leenaarts, J., Pereira, T. M. D., & Straus, T., “*Wave Propagation in the Internetwork Chromosphere: Comparing IRIS Observations of Mg II h and k with Simulations*”, 2014AGUFMSH51C4174F [ADS](#)
- Andretta, V., Bemporad, A., Focardi, M., et al., “*On-board detection and removal of cosmic ray and solar energetic particle signatures for the Solar Orbiter-METIS coronagraph*”, 2014SPIE.9152E..2QA [ADS](#)
- Bemporad, A., Andretta, V., Pancrazzi, M., et al., “*On-board CME detection algorithm for the Solar Orbiter-METIS coronagraph*”, 2014SPIE.9152E..0KB [ADS](#)
- Fleck, B., Straus, T., De Pontieu, B., Leenaarts, J., & Pereira, T. M. D., “*On the Signatures of Waves and Oscillations in IRIS Observations*”, 2014AAS...2242305F [ADS](#)
- Severino, G., Straus, T., Oliviero, M., Steffen, M., & Fleck, B., “*The Intensity-Velocity Phase Spectra of Evanescent Oscillations and Acoustic Sources*”, 2013SoPh..284..297S [ADS](#)
- Fleck, B., Centeno, R., Cheung, M., et al., “*On the Effects of the SDO Orbital Motion on the HMI Vector Magnetic Field Measurements*”, 2013enss.confE.145F [ADS](#)
- Fleck, B., Hayashi, K., Rezaei, R., et al., “*On The Magnetic-Field Diagnostics Potential of SDO/HMI*”, 2012AAS...22020701F [ADS](#)
- Fleck, B., Straus, T., & Severino, G., “*Acoustic-Gravity Waves in the Solar Atmosphere: Comparing Hinode/SP Observations with Numerical Simulations*”, 2012AAS...22020121F [ADS](#)
- Fleck, B., Hayashi, K., Rezaei, R., et al., “*On the Magnetic-Field Diagnostics Potential of SDO/HMI*”, 2012decs.confE.104F [ADS](#)
- Fleck, B., Hayashi, K., Rezaei, R., et al., “*On the Magnetic-Field Diagnostics Potential of SDO/HMI*”, 2011sdmi.confE..74F [ADS](#)
- Fleck, B., Couvidat, S., & Straus, T., “*On the Formation Height of the SDO/HMI Fe 6173 Å Doppler Signal*”, 2011SoPh..271...27F [ADS](#)
- Fleck, B., Straus, T., & Severino, G., “*High-frequency Waves in Numerical Simulations of the Solar Atmosphere*”, 2011SPD...42.1720F [ADS](#)
- Fleck, B., Straus, T., Jefferies, S., & Scherrer, P., “*Estimating the Energy Flux of Acoustic-Gravity Waves in the Solar Atmosphere from SDO/HMI Data*”, 2010AGUFMSH11A1602F [ADS](#)
- Fleck, B., Straus, T., Carlsson, M., et al., “*On the Origin of High-Frequency “Acoustic” Power in Photospheric and Chromospheric Velocity Power Spectra*”, 2010AAS...21640309F [ADS](#)
- Fleck, B., Straus, T., Carlsson, M., et al., “*High frequency waves in the solar atmosphere?*”, 2010MmSAI..81..777F [ADS](#)
- Straus, T., Fleck, B., Jefferies, S. M., et al., “*On the Role of Acoustic-Gravity Waves in the Energetics of the Solar Atmosphere*”, 2009ASPC..415..95S [ADS](#)
- Fleck, B., Straus, T., Jefferies, S. M., Severino, G., & Tarbell, T. D., “*On The Interpretation Of Hinode NFI Filtergrams*”, 2009SPD...40.0927F [ADS](#)
- Severino, G., Straus, T., & Steffen, M., “*Velocity and Intensity Power and Cross Spectra in Numerical Simulations of Solar Convection*”, 2008SoPh..251..549S [ADS](#)
- Vecchio, A., Carbone, V., Lepreti, F., et al., “*Spatio-Temporal Analysis of Photospheric Turbulent Velocity Fields Using the Proper Orthogonal Decomposition*”, 2008SoPh..251..163V [ADS](#)
- Fleck, B., Jefferies, S. M., McIntosh, S. W., et al., “*High Frequency Acoustic Waves in the Sun’s Atmosphere*”, 2008ESPM...12.2.39F [ADS](#)
- Straus, T., Fleck, B., Jefferies, S. M., et al., “*On the Role of Acoustic-gravity Waves in the Energetics of the Solar Atmosphere*”, 2008ESPM...12.2.11S [ADS](#)
- Straus, T., Fleck, B., Jefferies, S. M., et al., “*The Energy Flux of Internal Gravity Waves in the Lower Solar Atmosphere*”, 2008ApJ...681L.125S [ADS](#)
- Fleck, B., Jefferies, S. M., McIntosh, S. W., Straus, T., & Tarbell, T. D., “*High Frequency Acoustic Waves in the Sun’s Atmosphere*”, 2008AGUSMSP41B..04F [ADS](#)
- Fleck, B., Straus, T., Jefferies, S., et al., “*Internal Gravity Waves and their Role in the Energetics of the Solar Atmosphere*”, 2007AAS...210.2410F [ADS](#)
- Straus, T., Severino, G., & Steffen, M., “*Resonant Oscillation Modes and Background in Realistic Hydrodynamical Simulations of Solar Surface Convection*”, 2006ESASP.617E..4S [ADS](#)
- Volpicelli, C. A., Antonucci, E., Cora, A., et al., “*SOLARNET-Italian Solar Archive Federation. The First Italian Virtual Observatory Application*”, 2006MSAIS...9..129V [ADS](#)
- Severino, G., Magri, M., Oliviero, M., & Straus, T., “*Recent results on the solar photospheric dynamics*”, 2001MmSAI..72..677S [ADS](#)
- Straus, T., & Severino, G., “*The photosphere - region of reflection and excitation of solar oscillations*”, 2001MmSAI..72..533S [ADS](#)
- Magri, M., Oliviero, M., Severino, G., & Straus, T., “*A model of intensity and velocity power and I-V phase difference across p-mode line profile based on a forced damped harmonic oscillator and on the observed coherence spectrum*”, 2001MmSAI..72..511M [ADS](#)
- Oliviero, M., Severino, G., Straus, T., Jefferies, S. M., & Appourchaux, T., “*I-V phase difference and gain analysis of GONG full-disk data*”, 2000MmSAI..71..9990 [ADS](#)
- Vogt, E., Oliviero, M., Severino, G., & Straus, T., “*Calibration of VAMOS Magnetic Data*”, 1999ESASP.448..405V [ADS](#)
- Pietropaolo, E., Berrilli, F., Consolini, G., et al., “*Wavelet Analysis of Spatial Coherent Structures in the Photosphere*”, 1999ESASP.448..343P [ADS](#)
- Cauzzi, G., Consolini, G., Berrilli, F., et al., “*Properties of solar granulation cells in quiet regions as derived from a time series of white light images*”, 1998MmSAI..69..647C [ADS](#)
- Moretti, P. F., Severino, G., Cauzzi, G., et al., “*The Magneto-Optical Filter in Napoli: Perspectives and Test Observations*”, 1997ASSL..225..293M [ADS](#)
- Straus, T., & Bonaccini, D., “*Dynamics of the solar photosphere. I. Two-dimensional spectroscopy of mesoscale phenomena.*”, 1997A&A...324..704S [ADS](#)
- Reardon, K., Severino, G., Cauzzi, G., et al., “*ARTHEMIS: The archive project for the Italian Panoramic Monochromator*”, 1997MmSAI..68..499R [ADS](#)
- Reardon, K., Severino, G., Cauzzi, G., et al., “*ARTHEMIS: The Archive Project for the IPM and THEMIS*”, 1997ASPC..118..398R [ADS](#)
- Deubner, F. L., Fleck, B., Schmitz, F., & Straus, T., “*k-ω diagrams of the solar atmosphere revisited.*”, 1990AGAb....5..35D [ADS](#)
- Straus, T., & Deubner, F. L., “*Dynamics of mesogranulation.*”, 1990AGAb....5..34S [ADS](#)