

Bibliography from ADS file: suetterlin.bib

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- de Wijn, A. G., de la Cruz Rodríguez, J., Scharmer, G. B., Sliepen, G., & Süllerlin, P., "Design and Performance Analysis of a Highly Efficient Polychromatic Full Stokes Polarization Modulator for the CRISP Imaging Spectrometer", [2021AJ...161..89D ADS](#)
- de la Cruz Rodríguez, J., Löfdahl, M. G., Süllerlin, P., Hillberg, T., & Rouppe van der Voort, L.: 2017, *CRISPRED: CRISP imaging spectropolarimeter data reduction pipeline*, Astrophysics Source Code Library, record ascl:1708.003 [2017ascl.soft08003D ADS](#)
- de la Cruz Rodríguez, J., Löfdahl, M. G., Süllerlin, P., Hillberg, T., & Rouppe van der Voort, L., "CRISPRED: A data pipeline for the CRISP imaging spectropolarimeter", [2015A&A...573A..40D ADS](#)
- Rutten, R. J., Vissers, G. J. M., Rouppe van der Voort, L. H. M., Süllerlin, P., & Vitas, N., "Ellerman bombs: fallacies, fads, usage", [2013JPhCS.440a2007R ADS](#)
- Scharmer, G. B., de la Cruz Rodríguez, J., Süllerlin, P., & Henriques, V. M. J., "Opposite polarity field with convective downflow and its relation to magnetic spines in a sunspot penumbra", [2013A&A...553A..63S ADS](#)
- Koza, J., Süllerlin, P., Gömöry, P., Rybák, J., & Kućera, A., "Search for Alfvén waves in a bright network element observed in H α ", [2013CoSkA..43....5K ADS](#)
- Hammerschlag, R. H., Sliepen, G., Bettonvil, F. C. M., et al., "Large-field high-resolution mosaic movies", [2012SPIE.8444E..06H ADS](#)
- Tanga, P., Widemann, T., Sicardy, B., et al., "Sunlight refraction in the mesosphere of Venus during the transit on June 8th, 2004", [2012Icar..218..207T ADS](#)
- Berkabile-Stoiser, S., Gömöry, P., Veronig, A. M., Rybák, J., & Süllerlin, P., "Multi-wavelength fine structure and mass flows in solar microflares", [2009A&A...505..811B ADS](#)
- Bein, B., Veronig, A., Rybák, J., et al., "Multi-wavelength Observations of Microflares Near an Active Region", [2009CEAB...33..179B ADS](#)
- Scharmer, G. B., Narayan, G., Hillberg, T., et al., "CRISP Spectropolarimetric Imaging of Penumbral Fine Structure", [2008ApJ...689L..69S 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](#)
- Rutten, R. J., van Veelen, B., & Süllerlin, P., "DOT Tomography of the Solar Atmosphere VII. Chromospheric Response to Acoustic Events", [2008SoPh..251..533R ADS](#)
- Narayan, G., Scharmer, G. B., Hillberg, T., et al., "SST/CRISP Magnetometry with Fe I 630.2 nm", [2008ESPM..122.120N ADS](#)
- Koza, J., Rutten, R. J., Vourlidas, A., & Suetterlin, P., "Dynamic Fibrils in Ly-alpha", [2008ESPM..12.2.16K ADS](#)
- Scharmer, G., Henriques, V., Hillberg, T., et al., "Spectropolarimetry of Sunspots at 0.16 ARCSEC resolution", [2008ESPM..12..2.5S ADS](#)
- Sánchez Almeida, J., Teriaca, L., Süllerlin, P., et al., "Search for photospheric footpoints of quiet Sun transition region loops", [2007A&A...475..1101S ADS](#)
- Beck, C., Bellot Rubio, L. R., Schlichenmaier, R., & Süllerlin, P., "Magnetic properties of G-band bright points in a sunspot moat", [2007A&A..472..607B ADS](#)
- Rondi, S., Roudier, T., Molodij, G., et al., "Photospheric flows around a quiescent filament", [2007A&A..467.1289R ADS](#)
- Koza, J., Süllerlin, P., Kućera, A., & Rybák, J., "Temporal Variations in Fibril Orientation", [2007ASPC..368..115K ADS](#)
- Beck, C., Mikurda, K., Bellot Rubio, L. R., Schlichenmaier, R., & Süllerlin, P., "Magnetic properties of G-band bright points", [2007msfa.conf..165B ADS](#)
- Beck, C., Schmidt, W., Bellot Rubio, L. R., et al., "Polarimetric Observations of the Formation of a G-Band Bright Point", [2006ASPC..358..72B ADS](#)
- de Wijn, A. G., Rutten, R. J., Haverkamp, E. M. W. P., & Süllerlin, P., "Magnetic Patches in Internetwork Areas", [2006ASPC..354..20D ADS](#)
- Bettonvil, F. C. M., Hammerschlag, R. H., Süllerlin, P., et al., "Tunable H-alpha Lyot filter with advanced servo system and image processing: instrument design and new scientific results with the Dutch Open Telescope", [2006SPIE.6269E..0EB ADS](#)
- Leenaarts, J., Rutten, R. J., Süllerlin, P., Carlsson, M., & Uitenbroek, H., "DOT tomography of the solar atmosphere. VI. Magnetic elements as bright points in the blue wing of H α ", [2006A&A...449.1209L ADS](#)
- Tanga, P., Arnaud, J., Colas, F., et al., "Unveiling the atmosphere of Venus during the June 2004 solar transit", [2005DPS...37.5718T ADS](#)
- Tziotziou, K., Tsiropoulou, G., & Süllerlin, P., "DOT tomography of the solar atmosphere. V. Analysis of a surge from AR10486", [2005A&A...444..265T ADS](#)
- Leenaarts, J., Süllerlin, P., Rutten, R. J., Carlsson, M., & Uitenbroek, H., "Small Scale Magnetic Elements as Bright Points in the Blue H α Wing", [2005ESASP.596E..15L ADS](#)
- de Wijn, A. G., Rutten, R. J., Haverkamp, E. M. W. P., & Süllerlin, P., "DOT tomography of the solar atmosphere. IV. Magnetic patches in internetwork areas", [2005A&A...441.1183D ADS](#)
- Bettonvil, F. C., Hammerschlag, R. H., Süllerlin, P., et al., "DOT++: the Dutch Open Telescope with 1.4-m aperture", [2004SPIE.5489..362B ADS](#)
- Süllerlin, P., Bellot Rubio, L. R., & Schlichenmaier, R., "Asymmetrical appearance of dark-cored filaments in sunspot penumbras", [2004A&A...424.1049S ADS](#)
- Rutten, R. J., de Wijn, A. G., & Süllerlin, P., "DOT tomography of the solar atmosphere. II. Reversed granulation in Ca II H", [2004A&A...416..333R ADS](#)
- Rutten, R. J., Bettonvil, F. C. M., Hammerschlag, R. H., et al., "The Dutch Open Telescope on La Palma", [2004IAUS..223..597R ADS](#)
- Rutten, R. J., Hammerschlag, R. H., Bettonvil, F. C. M., Süllerlin, P., & de Wijn, A. G., "DOT tomography of the solar atmosphere. I. Telescope summary and program definition", [2004A&A...413.1183R ADS](#)
- Rouppe van der Voort, L. H. M., Rutten, R. J., Süllerlin, P., Sloover, P. J., & Krijger, J. M., "La Palma observations of umbral flashes", [2003A&A...403..277R ADS](#)
- Nisenson, P., van Ballegooijen, A. A., de Wijn, A. G., & Süllerlin, P., "Motions of Isolated G-Band Bright Points in the Solar Photosphere", [2003ApJ...587..458N ADS](#)
- Bettonvil, F. C., Suetterlin, P., Hammerschlag, R. H., Jagers, A. P., & Rutten, R. J., "Multi-wavelength imaging system for the Dutch Open Telescope", [2003SPIE.4853..306B ADS](#)
- Rutten, R. J., Süllerlin, P., de Wijn, A. G., et al., "Dutch Open Telescope: status, results, prospects", [2002ESASP.506..903R ADS](#)
- Rutten, R. J., de Wijn, A. G., Süllerlin, P., Bettonvil, F. C. M., & Hammerschlag, R. H., "Opening the Dutch Open Telescope", [2002ESASP.505..565R ADS](#)
- Briand, C., Collados, M., & Süllerlin, P., "THEMIS and DOT joint observations on NOAA 9716", [2002ESASP.505..361B ADS](#)
- Balthasar, H., Süllerlin, P., & Collados, M., "Penumbral finestructure: need for larger telescopes", [2001AN...322..367B ADS](#)
- Sobotka, M. & Süllerlin, P., "Fine structure in sunspots. IV. Penumbral grains in specke reconstructed images", [2001A&A...380..714S ADS](#)
- Süllerlin, P., Rutten, R. J., & Skomorovsky, V. I., "Ba II 4554 Å specke imaging as solar Doppler diagnostic", [2001A&A...378..251S ADS](#)
- Süllerlin, P., "The size of penumbral fine structure", [2001A&A...374L..21S ADS](#)
- O'Shea, E., Fleck, B., Muglach, K., & Süllerlin, P., "Active Region Oscillations: Results from SOHO JOP 097", [2001AGUSM..SH41A020 ADS](#)
- Süllerlin, P., Hammerschlag, R. H., Bettonvil, F. C. M., et al., "A Multi-Channel Speckle Imaging System for the DOT", [2001ASPC..236..431S ADS](#)
- Rutten, R. J., Hammerschlag, R. H., Süllerlin, P., & Bettonvil, F. C. M., "Proxy Magnetometry with the Dutch Open Telescope", [2001ASPC..236..25R ADS](#)
- Balthasar, H., Süllerlin, P., & Collados, M., "Penumbral Finestructure: Need for Larger Telescopes", [2001AGM...18S1003B ADS](#)
- Rutten, R. J., Hammerschlag, R. H., Bettonvil, F. M., & Suetterlin, P., "Dutch Open Telescope: Status and Prospects", [2000SPD..3102107R ADS](#)
- Süllerlin, P., Wiehr, E., "Applying speckle masking to spectra", [2000SoPh..194..35S ADS](#)
- Rutten, R., Hammerschlag, R. H., Sutterlin, P., Bettonvil, F. C. M., & van der Zalm, E. B. J., "Solar Magnetometry with the Dutch Open Telescope", [2000ESASP.463..611R ADS](#)
- Süllerlin, P., Wiehr, E., & Stellmacher, G., "Continuum photometry of solar white-light faculae", [1999SoPh..189..57S ADS](#)
- Küveler, G., Wiehr, E., Thomas, D., et al., "Automatic guiding of the primary image of solar Gregory telescopes", [1998SoPh..182..247K ADS](#)
- Suetterlin, P. & Wiehr, E., "Temperature mapping of sunspots and pores from speckle reconstructed three colour photometry", [1998A&A...336..367S ADS](#)
- Suetterlin, P., "Properties of solar pores", [1998A&A...333..305S ADS](#)
- Muglach, K. & Süllerlin, P., "Simultaneous Observations with the GCT and SoHO: High Velocity Events in the Upper Chromosphere", [1998ASPC..155..341M ADS](#)
- Wiehr, E., Stellmacher, G., de Boer, C. R., & Süllerlin, P., "Prominence Emissions with SUMER and Optical Telescopes", [1998ASPC..155..331W ADS](#)
- Süllerlin, P. & Wiehr, E., "3-Color Photometry of a Sunspot Using Speckle Masking Techniques", [1998ASPC..155..44S ADS](#)
- Suetterlin, P., Wiehr, E., Bianda, M., & Küveler, G., "Problems in measuring prominence oscillations.", [1997A&A...321..921S ADS](#)

- Wiehr, E., de Boer, C. R., Stellmacher, G., & Sütterlin, P., “*Emission Lines in a Quiescent Prominence Observed with the SUMER, VTT, and Gregory Telescopes*”, 1997ASPC..118..294W [ADS](#)
- Sütterlin, P. & Wiehr, E., “*Three colour photometry of a sunspot using speckle masking techniques.*”, 1997AGAb...13...10S [ADS](#)
- Sütterlin, P., Schröter, E. H., & Muglach, K., “*Polarimetry of Solar Pores*”, 1996SoPh..164..311S [ADS](#)
- Sütterlin, P. P.: 1996, “Über die Struktur von solaren PorenÜber die Struktur von solaren PorenOn the structure of solar pores,”, Ph.D. thesis, Albert Ludwigs University of Freiburg, Germany 1996PhDT.....153S [ADS](#)
- Sütterlin, P., “*Neue Verarbeitungstechniken für CCD-Bilder. Einige Anregungen.*”, 1994S&W...33..311S [ADS](#)
- Sütterlin, P., Thim, F., & Schröter, E. H., “*On the magneto-thermodynamical structure of a solar pore*”, 1994smf..conf..213S [ADS](#)
- , “*Erfahrungen mit CCD-Kameras in der Amateurastronomie.*”, 1994aks..1995Q....S [ADS](#)
- Sütterlin, P.: 1991, Ph.D. thesis, - 1991PhDT.....355S [ADS](#)
- Sütterlin, P., “*Dynamics in and around pores.*”, 1990AGAb....5....6S [ADS](#)