

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

- Rimmele, T., Woeger, F., Tritschler, A., et al., “The National Science Foundation’s Daniel K. Inouye Solar Telescope - Status Update”, 2021AAS...23810601R ADS
- Martínez Pillet, V., Tritschler, A., Harra, L., et al., “Solar physics in the 2020s: DKIST, parker solar probe, and solar orbiter as a multi-messenger constellation”, 2020arXiv200408632M ADS
- Alexov, A., Tritschler, A., Rimmele, T., Marshall, H., & Parraguez, A., “An Overview of DKIST Operations Commissioning and Tools”, 2020ASPC...527...435A ADS
- Verma, M., Denker, C., Balthasar, H., et al., “High-resolution imaging and near-infrared spectroscopy of penumbral decay”, 2018A&A...614A...2V ADS
- Beck, C., Rezaei, R., Choudhary, D. P., et al., “High-resolution Observations of Ha Spectra with a Subtractive Double Pass”, 2018SoPh...293...36B ADS
- Ermolli, I., Cristaldi, A., Giorgi, F., et al., “Plasma flows and magnetic field interplay during the formation of a pore”, 2017A&A...600A.102E ADS
- Tritschler, A., Rimmele, T. R., Berukoff, S., et al., “Daniel K. Inouye Solar Telescope: High-resolution observing of the dynamic Sun”, 2016AN...337.1064T ADS
- Schad, T. A., Penn, M. J., Lin, H., & Tritschler, A., “He I Vector Magnetic Field Maps of a Sunspot and Its Superpenumbral Fine-Structure”, 2015SoPh...290.1607S ADS
- Cohen, D. P., Criscuolo, S., Farris, L., & Tritschler, A., “Understanding the Fe I Line Measurements Returned by the Helioseismic and Magnetic Imager (HMI)”, 2015SoPh...290...689C ADS
- Tritschler, A., Rimmele, T. R., Berukoff, S., et al., “DKIST: Observing the Sun at High Resolution”, 2015csss...18...933T ADS
- Tritschler, A., Berukoff, S. J., & Rimmele, T. R., “The DKIST Operations Lifecycle: From Proposal Preparation to Completion”, 2014AGUFM3H41C161T ADS
- Rimmele, T., Berger, T., McMullin, J., et al., “The Daniel K. Inouye Solar Telescope: A Project Update.”, 2014amos.confE...43R ADS
- Reardon, K., Tritschler, A., & Katsukawa, Y., “Spectral Signatures of Penumbral Transients”, 2013ApJ...779...143R ADS
- Deng, N., Tritschler, A., Jing, J., et al., “High-Cadence and High-Resolution Halpha Imaging Spectroscopy of a Circular Flare’s Remote Ribbon with IBIS”, 2013SPD...4440404D ADS
- Chen, X., Deng, N., Lamb, D., et al., “Statistical study of magnetic cancellations and on-disk type-II spicules”, 2013SPD...44...04C ADS
- Romano, P., Frasca, D., Guglielmino, S. L., et al., “Velocity and Magnetic Field Distribution in a Forming Penumbra”, 2013ApJ...771L...3R ADS
- Uitenbroek, H. & Tritschler, A., “Observing strategies for future solar facilities: the ATST test case”, 2012IAUSS...6E.401U ADS
- Deng, N., Tritschler, A., Jing, J., et al., “Halphi Imaging Spectroscopy of a C-class flare with IBIS”, 2012IAUSS...6E.307D ADS
- Cauzzi, G., Tritschler, A., & Deng, Y., “Science with Large Solar Telescopes”, 2012IAUSS...6E...C ADS
- Wöger, F., McBride, W., Ferayorni, A., et al., “The Visible Broad-band Imager: The Sun at High Spatial and Temporal Resolution”, 2012ASPC...463...431W ADS
- Rimmele, T. R., Keil, S., McMullin, J., et al., “Construction of the Advanced Technology Solar Telescope”, 2012ASPC...463...377R ADS
- Taylor, G. E., Rimmele, T. R., Marino, J., Tritschler, A., & McAteer, R. T. J., “Solar Limb Adaptive Optics: A Test of Wavefront Sensors and Algorithms”, 2012ASPC...463...321T ADS
- Uitenbroek, H., Dumont, N., & Tritschler, A., “The Influence of Molecular Lines on the Measurement of Photospheric Velocities”, 2012ASPC...463...99U ADS
- Tritschler, A., Uitenbroek, H., & Rempel, M., “The Sunspot Penumbra in the Photosphere: Results from Forward Synthesized Spectroscopy”, 2012ASPC...463...89T ADS
- Schad, T. A., Penn, M. J., Lin, H., & Tritschler, A., “He I Spectropolarimetry with FIRS: Towards Vector Magnetometry of Chromospheric Fibrils Plus New Diagnostics of Coronal Rain”, 2012ASPC...463...25S ADS
- “, “2nd ATST-EAST Workshop in Solar Physics: Magnetic Fields from the Photosphere to the Corona”, 2012ASPC...463...R ADS
- Jaeggli, S. A., Lin, H., & Tritschler, A., “Multi-height Spectropolarimetry of Sunspots With Firs And Ibis”, 2012AAS...22020606J ADS
- Deng, N., Tritschler, A., Jing, J., et al., “High Cadence and High Resolution Halphi Imaging Spectroscopy of a C4.1 Flare with IBIS”, 2012AAS...22020449D ADS
- Chen, X., Na, D., Jing, J., et al., “Coordinated Observations Of On-disk Type II Spicules With IBIS And Hinode”, 2012AAS...22020310C ADS
- Schad, T. A., Tritschler, A., & Penn, M. J., “Multi-wavelength Spectropolarimetry Of A Sunspot Superpenumbra With Firs And Ibis”, 2012AAS...22020302S ADS
- Friedrich, W., Tritschler, A., Uitenbroek, H., & Rimmele, T., “The Visible Broadband Imager: The Sun at High Spatial and Temporal Resolution”, 2011SPD...42.2001F ADS
- Burleigh, K., Tritschler, A., & Uitenbroek, H., “The Observed Red Asymmetry in the Bisectors of the Chromospheric CaII 854.2 nm Line”, 2011SPD...42.0304B ADS
- Viticchiè, B., Del Moro, D., Berrilli, F., Rubio, L. B., & Tritschler, A., “IBIS 2D Spectropolarimetry: Analysis of G-band Bright Points”, 2011ASPC...437...75V ADS
- Criscuolo, S., Ermolli, I., Del Moro, D., et al., “Line Shape Effects on Intensity Measurements of Solar Features: Brightness Correction to SOHO MDI Continuum Images”, 2011ApJ...728...92C ADS
- Judge, P. G., Centeno, R., Tritschler, A., et al., “Magnetic Field Measurements at the Photosphere and Coronal Base”, 2010AGUFM3H31A1783J ADS
- Beck, C., Bellot Rubio, L. R., Kentischer, T. J., Tritschler, A., & Del Toro Iniesta, J. C., “Two-dimensional solar spectropolarimetry with the KIS/IAA Visible Imaging Polarimeter”, 2010A&A...520A.115B ADS
- Judge, P., Centeno, R., Tritschler, A., et al., “Magnetic field measurements at the photosphere and coronal base”, 2010shin.confE...56J ADS
- Naqvi, M. F., Marquette, W. H., Tritschler, A., & Denker, C., “The Big Bear Solar Observatory Ca II K-line index for solar cycle 23”, 2010AN...331...696N ADS
- Beck, C., Tritschler, A., & Wöger, F., “A chromospheric dark-cored fibril in Ca II IR spectra”, 2010AN...331...574B ADS
- Reardon, K. P., Cauzzi, G., Tritschler, A., & Uitenbroek, H., “Delving into the Chromosphere: New Observational Tools”, 2010AAS...21630503R ADS
- Tritschler, A., Reardon, K., & Uitenbroek, H., “Chromospheric Structure and Dynamics. From Old Wisdom to New Insights”, 2010MmSAI...81...533T ADS
- Cauzzi, G., Reardon, K., Rutten, R. J., Tritschler, A., & Uitenbroek, H., “Dual-Line Spectral Imaging of the Chromosphere”, 2010ASSP...19...513C ADS
- Sreejith, P., Tritschler, A., & Sankarasubramanian, K., “The Growth of a Primitive Penumbra”, 2010ASSP...19...413S ADS
- Tritschler, A., “Structure and Dynamics of Sunspots (Keynote)”, 2009ASPC...415...339T ADS
- Reardon, K. P., Rimmele, T., Tritschler, A., et al., “Service-Mode Observations for Ground-Based Solar Physics”, 2009ASPC...415...332R ADS
- Viticchiè, B., Del Moro, D., Berrilli, F., Bellot Rubio, L., & Tritschler, A., “Imaging Spectropolarimetry with IBIS: Evolution of Bright Points in the Quiet Sun”, 2009ApJ...700L.145V ADS
- Cauzzi, G., Reardon, K., Rutten, R. J., Tritschler, A., & Uitenbroek, H., “The solar chromosphere at high resolution with IBIS. IV. Dual-line evidence of heating in chromospheric network”, 2009A&A...503...577C ADS
- Kleint, L., Reardon, K., Stenflo, J. O., Uitenbroek, H., & Tritschler, A., “Spectropolarimetry of Ca II 8542: Probing the Chromospheric Magnetic Field”, 2009ASPC...405...247K ADS
- Tritschler, A., Uitenbroek, H., & Reardon, K., “Evidence for a Current Sheet above a Sunspot Umbra”, 2008ApJ...686L...45T ADS
- Denker, C., Tritschler, A., Deng, N., & Verdoni, A. P., “High-resolution observations of extremely bright penumbral grains”, 2008AN...329...773D ADS
- Reardon, K., Tritschler, A., Uitenbroek, H., & et al., “Imaging Spectropolarimetry of the Photosphere and Chromosphere with IBIS”, 2008ESPM...12.2.31R ADS
- Weber, M., Tritschler, A., & Woeger, F., “Simulations of Atmospheric Turbulence and Instrumentation on Solar Observations”, 2008AGUSMSP51B...08W ADS
- Cauzzi, G., Reardon, K., Rimmele, T., et al., “Solar Chromospheric Dynamics: Onwards and Upwards”, 2008AGUSMSP41B...03C ADS
- Cauzzi, G., Reardon, K. P., Rimmele, T., et al., “WHI Targeted Campaigns on Coronal Holes and Quiet Sun: High Resolution Observations of the Lower Atmosphere With IBIS”, 2008AGUSM3H51A...02C ADS
- Bellot Rubio, L. R., Tritschler, A., & Martínez Pillet, V., “Spectropolarimetry of a Decaying Sunspot Penumbra”, 2008ApJ...676...698B ADS
- Tritschler, A., Müller, D. A. N., Schlichenmaier, R., & Hagenaar, H. J., “Fine Structure of the Net Circular Polarization in a Sunspot Penumbra”, 2007ApJ...671L...85T ADS
- Denker, C., Deng, N., Tritschler, A., & Yurchyshyn, V., “Two-Dimensional Spectroscopy of Photospheric Shear Flows in a Small δ Spot”, 2007SoPh...245...219D ADS
- Uitenbroek, H., Tritschler, A., & Rimmele, T., “The Discrepancy in G-Band Contrast: Where is the Quiet Sun?”, 2007ApJ...668...586U ADS
- Denker, C., Naqvi, M., Deng, N., Tritschler, A., & Marquette, W. H., “Synoptic Observing at Big Bear Solar Observatory”, 2007ASPC...368...515D ADS

- Verdoni, A., Denker, C., Deng, N., & Tritschler, A., “Observations of Quiet Sun Chromosphere Dynamics”, 2007AAS...21010003V ADS
- Denker, C., Verdoni, A. P., Naqvi, M., Deng, N., & Tritschler, A., “Two-dimensional Spectroscopy Of Chromospheric And Photospheric Sunspot Fine-structure”, 2007AAS...21010002D ADS
- Deng, N., Choudhary, D. P., Denker, C., Verdoni, A., & Tritschler, A., “Three-Dimensional Structure of Evershed Flows”, 2007AAS...210.9506D ADS
- Denker, C., Deng, N., Rimmele, T. R., Tritschler, A., & Verdoni, A., “Field-Dependent Adaptive Optics Correction Derived with the Spectral Ratio Technique”, 2007SoPh...241...411D ADS
- Uitenbroek, H. & Tritschler, A., “Narrow-band imaging in the CN band at 388.33 nm”, 2007A&A...462.1157U ADS
- Tritschler, A., Schmidt, W., Uitenbroek, H., & Wedemeyer-Böhm, S., “On the fine structure of the quiet solar Ca II K atmosphere”, 2007A&A...462...303T ADS
- Tritschler, A. & Uitenbroek, H., “The Contrast of Magnetic Flux Concentrations at Near-Infrared and Visible Wavelengths”, 2006ApJ...648...741T ADS
- Bellot Rubio, L. R., Tritschler, A., Kentischer, T., Beck, C., & Del Toro Iniesta, J. C., “VIP - 2D Vector Spectropolarimetry of the Solar Atmosphere near the Diffraction Limit”, 2006IAUJD...3E...58B ADS
- Uitenbroek, H., Balasubramaniam, K. S., & Tritschler, A., “Evidence for a Siphon Flow Ending near the Edge of a Pore”, 2006ApJ...645...776U ADS
- Mikurda, K., Tritschler, A., & Schmidt, W., “The influence of image reconstruction on two-dimensional spectrograms of the solar photosphere”, 2006A&A...454...359M ADS
- Bellot Rubio, L. R., Schlichenmaier, R., & Tritschler, A., “Two-dimensional spectroscopy of a sunspot. III. Thermal and kinematic structure of the penumbra at 0.5 arcsec resolution”, 2006A&A...453.1117B ADS
- Denker, C., Goode, P. R., Ren, D., et al., “Progress on the 1.6-meter New Solar Telescope at Big Bear Solar Observatory”, 2006SPIE.6267E..0AD ADS
- Denker, C., Deng, N., & Tritschler, A., “Two-Dimensional Spectroscopy at Big Bear Solar Observatory”, 2006SPD...37.3702D ADS
- Deng, N., Wang, H., Liu, C., et al., “High-Resolution Studies of Complex Solar Active Regions”, 2006SPD...37.3401D ADS
- Uitenbroek, H. & Tritschler, A., “Narrow-band Imaging In The Cn Band Head”, 2006SPD...37.0717U ADS
- Uitenbroek, H. & Tritschler, A., “The Contrast of Magnetic Elements in Synthetic CH- and CN-Band Images of Solar Magnetoconvection”, 2006ApJ...639...525U ADS
- Shumko, S., Abramenko, V., Denker, C., et al., “The Visible-Light Magnetograph at the Big Bear Solar Observatory: Hardware and Software”, 2005ASPC...347...509S ADS
- Denker, C., Cao, W., Chae, J., et al., “The New Solar Telescope at Big Bear Solar Observatory - A Progress Report”, 2005AGUSMSP43A..07D ADS
- Uitenbroek, H., Balasubramaniam, K., & Tritschler, A., “Spectro-polarimetry of the G band”, 2005AGUSMSP41B..03U ADS
- Smith, G. A., Tritschler, A., & Denker, C., “High Resolution Chromospheric Flow Fields in Solar Active Region NOAA 9393 Before and After an X20 Flare”, 2005AGUSMSP23B..02S ADS
- Tritschler, A., Schlichenmaier, R., & Bellot Rubio, L. R., “Flow filaments linking bright and dark filaments in a sunspot penumbra”, 2005AGUSMSP11A..08T ADS
- Schlichenmaier, R., Bellot Rubio, L. R., & Tritschler, A., “On the relation between penumbral intensity and flow filaments”, 2005AN...326...301S ADS
- Bonet, J. A., Márquez, I., Muller, R., Sobotka, M., & Tritschler, A., “Phase diversity restoration of sunspot images. I. Relations between penumbral and photospheric features”, 2004A&A...423...737B ADS
- Cao, W., Tritschler, A., Denker, C., et al., “The Visible and InfraRed Imaging Magnetograph (VIM-IRIM) at Big Bear Solar Observatory”, 2004AAS...204.6907C ADS
- Tritschler, A., Bellot Rubio, L. R., & Kentischer, T. J., “Towards 2D-Spectropolarimetry with TESOS and Adaptive Optics”, 2004AAS...204.6902T ADS
- Schlichenmaier, R., Bellot Rubio, L. R., & Tritschler, A., “Two-dimensional spectroscopy of a sunspot. II. Penumbral line asymmetries”, 2004A&A...415...731S ADS
- Tritschler, A., Schlichenmaier, R., Bellot Rubio, L. R., et al., “Two-dimensional spectroscopy of a sunspot. I. Properties of the penumbral fine structure”, 2004A&A...415...717T ADS
- Schlichenmaier, P., Bellot Rubio, L., & Tritschler, A., “Penumbral Line Asymmetries of Fe I 557.6 nm: Implications on the Flow Geometry of a Sunspot Penumbra”, 2003ANS...324...105S ADS
- Bellot Rubio, L. R., Schlichenmaier, R., & Tritschler, A., “Thermal Kinematic Structure of a Sunspot at 0.5 arcsec Resolution”, 2003ANS...324...104B ADS
- Langhans, K., Schmidt, W., & Tritschler, A., “Two-dimensional Spectroscopy of G-band Bright Structures in the Solar Photosphere”, 2003ANS...324...54L ADS
- Tritschler, A., Schlichenmaier, R., & Bellot Rubio, L., “2D Spectroscopy with a Triple Gabry-Perot Spectrometer and Adaptive Optics”, 2003ANS...324...21T ADS
- Langhans, K., Schmidt, W., & Tritschler, A., “Observations of G-band bright structures with TESOS”, 2003AN...324...354L ADS
- Tritschler, A., Schmidt, W., Langhans, K., & Kentischer, T., “High-resolution solar spectroscopy with TESOS - Upgrade from a double to a triple system”, 2002SoPh...211...17T ADS
- Tritschler, A. & Schmidt, W., “Network and internetwork bright points in the solar chromosphere”, 2002ESASP.506..785T ADS
- Tritschler, A., Schmidt, W., & Rimmele, T., “Downflows around a solar pore”, 2002ESASP.506..477T ADS
- Langhans, K., Schmidt, W., & Tritschler, A., “2D-spectroscopic observations of G-band bright structures”, 2002ESASP.506..455L ADS
- Langhans, K., Schmidt, W., & Tritschler, A., “2D-spectroscopic observations of vec G-band bright structures in the solar photosphere”, 2002A&A...394.1069L ADS
- Tritschler, A. & Schmidt, W., “Sunspot photometry with phase diversity. II. Fine-structure characteristics”, 2002A&A...388.1048T ADS
- Tritschler, A. & Schmidt, W., “Sunspot photometry with phase diversity. I. Methods and global sunspot parameters”, 2002A&A...382.1093T ADS
- Tritschler, A., Schmidt, W., & Knölker, M., “Thermal Structure of a Sunspot: An Application of Phase Diversity”, 1999ASPC...183...108T ADS
- Tritschler, A. & Schmidt, W., “Some properties of sunspot umbral dots.”, 1997A&A...321...643T ADS
- Tritschler, A., Schmidt, W., & Knölker, M., “Phase Diversity Applied to Sunspot Observations”, 1997ASPC...118...170T ADS
- Tritschler, A. & Schmidt, W., “Phase diversity image reconstruction of sunspot umbral dots.”, 1996AGAb...12...93T ADS