

- Rutten, R. J. and Uitenbroek, H.: 2012, “Chromospheric backradiation in ultraviolet continua and H α ”, in press, ArXiv eprint
- Herlender, M. and Berlicki, A.: 2011, “Multi-wavelength analysis of Ellerman Bomb Light Curves”, *Central European Astrophysical Bulletin* 35, 181–186
- Kuckein, C., Martínez Pillet, V., and Centeno, R.: 2011, “An active region filament studied simultaneously in the chromosphere and photosphere: I - Magnetic structure”, *ArXiv e-prints*
- Tanga, P., Widemann, T., Sicardy, B., Pasachoff, J. M., Arnaud, J., Comolli, L., Rondi, A., Rondi, S., and Suetterlin, P.: 2011, “Sunlight refraction in the mesosphere of Venus during the transit on June 8th, 2004”, *ArXiv e-prints*
- Bodnárová, M., Rybák, J., Hanslmeier, A., and Utz, D.: 2010, “Dynamics of photospheric bright points in G-band derived from two fully automated algorithms.”, in I. Dorotovic (Ed.), *20th National Solar Physics Meeting*, 25–29
- Kontogiannis, I., Tsiropoula, G., Tziotziou, K., and Georgoulis, M. K.: 2010, “Oscillations in a network region observed in the H α line and their relation to the magnetic field”, *Astron. Astrophys.* 524, A12
- Berlicki, A., Heinzel, P., and Avrett, E. H.: 2010, “Photometric analysis of Ellerman bombs.”, *Mem. Soc. Astron. Italiana* 81, 646
- Hammerschlag, R. H., Kommers, J. N. M., van Leverink, S. J., Bettonvil, F. C. M., Visser, S., Jägers, A. P. L., and Sliepen, G.: 2010, “Mechanical design of a completely open-foldable dome for EST”, in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7733 of *Presented at the Society of Photo-Optical Instrumentation Engineers (SPIE) Conference*
- Sliepen, G., Jägers, A. P. L., Hammerschlag, R. H., and Bettonvil, F. C. M.: 2010, “Foldable dome climate measurements and thermal properties”, in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7733 of *Presented at the Society of Photo-Optical Instrumentation Engineers (SPIE) Conference*
- Bettonvil, F. C. M., Codina, R., Hammerschlag, R. H., Jägers, A. P. L., Kommers, J. N. M., van Leverink, S. J., Sliepen, G., and Visser, S.: 2010, “The enclosure for the European Solar Telescope (EST)”, in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7733 of *Presented at the Society of Photo-Optical Instrumentation Engineers (SPIE) Conference*
- Sliepen, G., Jägers, A. P. L., Bettonvil, F. C. M., and Hammerschlag, R. H.: 2010, “Seeing measurements with autonomous, short-baseline shadow band rangers”, in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7733 of *Presented at the Society of Photo-Optical Instrumentation Engineers (SPIE) Conference*
- Hammerschlag, R. H., Skomorovsky, V. I., Bettonvil, F. C. M., Kushtal, G. I., Olshevsky, V. L., Rutten, R. J., Jägers, A. P. L., Sliepen, G., and Snik, F.: 2010, “The Irkutsk Barium filter for narrow-band wide-field high-resolution solar images at the Dutch Open Telescope”, in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7735 of *Presented at the Society of Photo-Optical Instrumentation Engineers (SPIE) Conference*
- Rutten, R. J.: 2010a, “The quiet chromosphere. Old wisdom, new insights, future needs”, in H. U. A. Tritschler, K. Reardon (Ed.), *25th NSO Workshop*, Mem. Soc. Astr. It. 81, 565–576
- Rutten, R. J.: 2010b, “Solar Spectroscopy and (Pseudo-)Diagnostics of the Solar Chromosphere”, in R. K. Chaudhuri, M. V. Mekkaden, A. V. Raveendran, and A. S. Narayanan (Eds.), *Recent Advances in Spectroscopy: Astrophysical, Theoretical and Experimental Perspectives*, Astrophys. Space Science Procs., Springer, Berlin, 163–175; preprint 2009arXiv0912.2206L
- Kontogiannis, I., Tsiropoula, G., and Tziotziou, K.: 2010a, “Power halo and magnetic shadow in a solar quiet region observed in the H α line”, *Astron. Astrophys.* 510, A41
- Kontogiannis, I., Tsiropoula, G., and Tziotziou, K.: 2010b, “Comparative Analysis of Oscillations of a Solar Quiet Region Using Multi-Wavelength Observations”, in K. Tsinganos, D. Hatzidimitriou, & T. Matsakos (Ed.), *Astronomical Society of the Pacific Conference Series*, Vol. 424 of *Astronomical Society of the Pacific Conference Series*, 31
- Berkebile-Stoiser, S., Gömöry, P., Veronig, A. M., Rybák, J., and Sütterlin, P.: 2009, “Multi-wavelength fine structure and mass flows in solar microflares”, *Astron. Astrophys.* 505, 811–823
- Martínez González, M. J. and Bellot Rubio, L. R.: 2009, “Emergence of Small-scale Magnetic Loops Through the Quiet Solar Atmosphere”, *Astrophys. J.* 700, 1391–1403
- Hammerschlag, R. H., Bettonvil, F. C. M., Jägers, A. P. L., and Sliepen, G.: 2009, “Open Principle for Large High-Resolution Solar Telescopes”, *Earth Moon and Planets* 104, 83–86

- Tsiropoula, G., Tziotziou, K., Schwartz, P., and Heinzel, P.: 2009, "Oscillatory phenomena in a solar network region", in N. Gopalswamy & D. F. Webb (Ed.), *IAU Symposium*, Vol. 257 of *IAU Symposium*, 181–184
- Roudier, T., Malherbe, J. M., Švanda, M., Molodij, G., Keil, S., Sütterlin, P., Schmieder, B., Bommier, V., Aulanier, G., Meunier, N., Rieutord, M., and Rondi, S.: 2008, "Photospheric flows around a quiescent filament at Large and small scale and their effects on filament destabilization", in C. Charbonnel, F. Combes, & R. Samadi (Ed.), *SF2A-2008*, 569–+
- Bein, B., Veronig, A., Rybak, J., Gömöry, P., Berkebile-Stoiser, S., and Sütterlin, P.: 2009, "Multi-wavelength Observations of Microflares Near an Active Region", *Central European Astrophysical Bulletin* 33, 179–182
- Pötzi, W.: 2009, "Granulation Properties in DOT Images from Solar Maximum to Minimum", *Central European Astrophysical Bulletin* 33, 59–68
- Tsiropoula, G., Tziotziou, K., Schwartz, P., and Heinzel, P.: 2008, "Multiwavelength Analysis of a Solar Quiet Region", *Astron. Astrophys.* 493, 217–225
- Tziotziou, K., Tsiropoula, G., Schwartz, P., and Heinzel, P.: 2008, "Oscillatory Phenomena in a Solar Network Region", *12th European Solar Physics Meeting, Freiburg, Germany, held September, 8-12, 2008. Online at <http://espm.kis.uni-freiburg.de/>, p.2.41* 12, 2–+
- Tsiropoula, G., Tziotziou, K., Schwartz, P., and Heinzel, P.: 2008, "Multi-wavelength Analysis of a Solar Network Region", *Central European Astrophysical Bulletin* 32, 109–116
- Brandt, P. N. and Getling, A. V.: 2008, "Do Long-Lived Features Really Exist in the Solar Photosphere? II. Contrast of Time-Averaged Granulation Images", *Solar Phys.* 249, 307–314
- Hasan, S. S. and van Ballegooijen, A. A.: 2008, "Dynamics of the Solar Magnetic Network. II. Heating the Magnetized Chromosphere", *Astrophys. J.* 680, 1542
- Rutten, R. J., van Veelen, B., and Sütterlin, P.: 2008, "DOT Tomography of the Solar Atmosphere VII. Chromospheric Response to Acoustic Events", *Solar Phys.* 251, 533–547
- Rutten, R. J.: 2008, "H α as Chromospheric Diagnostic", in S. A. Matthews, J. M. Davis, and L. K. Harra (Eds.), *First Results from Hinode*, ASP Conf. Ser. 397, 54–57
- Hammerschlag, R. H., Bettonvil, F. C. M., Jägers, A. P. L., and Sliepen, G.: 2008, "Cornelis Zwaan, open principle, and the future of high-resolution solar telescopes", in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7012 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*
- Jägers, A. P. L., Sliepen, G., Bettonvil, F. C. M., and Hammerschlag, R. H.: 2008, "Fast foldable tent domes", in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7018 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*
- Bettonvil, F. C. M., Hammerschlag, R. H., Jägers, A. P. L., and Sliepen, G.: 2008, "Large fully retractable telescope enclosures still closable in strong wind", in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7018 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*
- Sliepen, G., Jägers, A. P. L., Bettonvil, F. C. M., and Hammerschlag, R. H.: 2008, "Contactless sub-millimeter displacement measurements", in *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, Vol. 7018 of *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*
- Katsukawa, Y.: 2007, "Observational Analysis of the Relation between Coronal Loop Heating and Photospheric Magnetic Fields", in K. Shibata, S. Nagata, & T. Sakurai (Ed.), *New Solar Physics with Solar-B Mission*, Vol. 369 of *Astronomical Society of the Pacific Conference Series*, 287–+
- Bovelet, B. and Wiehr, E.: 2007, "Multiple-Scale Pattern Recognition Applied to Faint Intergranular G-band Structures", *Solar Phys.* 243, 121–129
- Rondi, S., Roudier, T., Molodij, G., Bommier, V., Keil, S., Sütterlin, P., Malherbe, J. M., Meunier, N., Schmieder, B., and Maloney, P.: 2007, "Photospheric flows around a quiescent filament", *Astron. Astrophys.* 467, 1289–1298
- Beck, C., Bellot Rubio, L. R., Schlichenmaier, R., and Sütterlin, P.: 2007, "Magnetic properties of G-band bright points in a sunspot moat", *Astron. Astrophys.* 472, 607–622
- Langangen, Ø., Carlsson, M., Rouppe van der Voort, L., Hansteen, V., and DePontieu, B.: 2007, "Spectroscopic measurements of dynamic fibrils in the Ca II 8662 Å line", *Astrophys. J.* submitted
- Sánchez Almeida, J., Teriaca, L., Sütterlin, P., Spadaro, D., Schühle, W., and Rutten, R. J.: 2007, "Search for photospheric footpoints of quiet-Sun transition region loops", *Astron. Astrophys.* 475, 1101–1109
- Koza, J.: 2007a, "Holandský otvorený teleskop", *Kozmos* 5, 24–26
- Koza, J.: 2007b, "Jemná štruktúra chromosféry a prechodovej vrstvy", *Kozmos* 5, 27–29

- Palacios Hernández, J.: 2007, “Astronomía con el DOT”, *Revista Huygens* 65, 10–15
- Tsiropoula, G., Tziotziou, K., Giannikakis, J., Young, P., Schühle, U., and Heinzel, P.: 2007, “Multi-wavelength Analysis of a Solar Quiet Region”, in P. Heinzel, I. Dorotovič, and R. J. Rutten (Eds.), *The Physics of Chromospheric Plasmas*, Coimbra Solar Physics Meeting, ASP Conf. Ser. 368, 171
- Koza, J., Sütterlin, P., Kučera, A., and Rybák, J.: 2007, “Temporal Variations in the Orientation of Fibrils”, in P. Heinzel, I. Dorotovič, and R. J. Rutten (Eds.), *The Physics of Chromospheric Plasmas*, Coimbra Solar Physics Meeting, ASP Conf. Ser. 368, 115
- Rutten, R. J.: 2007a, “Observing the solar chromosphere”, in P. Heinzel, I. Dorotovič, and R. J. Rutten (Eds.), *The Physics of Chromospheric Plasmas*, Coimbra Solar Physics Meeting, ASP Conf. Ser. 368, 27
- Rutten, R. J.: 2007b, “On the nature of the solar chromosphere”, in J. Leibacher, R. F. Stein, and H. Uitenbroek (Eds.), *Solar MHD: Theory and Observations*, Procs. 23rd NSO workshop, ASP Conf. Ser. 354, 282–289
- Hammerschlag, R. H., Bettonvil, F. C. M., Jägers, A. P. L., and Rutten, R. J.: 2007, “Aperture Increase Options for the Dutch Open Telescope”, in P. Heinzel, I. Dorotovič, and R. J. Rutten (Eds.), *The Physics of Chromospheric Plasmas*, Astron. Soc. Pacific Conf. Series 368, 573
- de Wijn, A. G., Rutten, R. J., Haverkamp, E. M. W. P., and Sütterlin, P.: 2006, “Magnetic Patches in Internetwork Areas”, in J. Leibacher, R. F. Stein, and H. Uitenbroek (Eds.), *Solar MHD Theory and Observations: A High Spatial Resolution Perspective*, Vol. 354 of *Astronomical Society of the Pacific Conference Series*, 20+
- Harvey, J. W.: 2006, “Chromospheric Magnetism”, in R. Casini and B. W. Lites (Eds.), *Solar Polarization 4*, ASP Conf. Ser. 358, 419
- Beck, C., Schmidt, W., Bellot Rubio, L. R., Schlichenmaier, R., Sütterlin, P., and Lites, B. W.: 2006, “Polarimetric Observations of the Formation of a G-Band Bright Point”, in R. Casini and B. W. Lites (Eds.), *Astronomical Society of the Pacific Conference Series*, Vol. 358 of *Astronomical Society of the Pacific Conference Series*, 72+
- Snik, F., Bettonvil, F. C. M., Jägers, A. P. L., Hammerschlag, R. H., Rutten, R. J., and Keller, C. U.: 2006, “The Ba II 4554 / H β imaging polarimeter for the Dutch Open Telescope”, in R. Casini and B. W. Lites (Eds.), *Procs. 4th Solar Polarization Workshop*, Astron. Soc. Pacific Conf. Series 358, 205
- Pötzi, W. and Brandt, P. N.: 2006, “Divergence and vorticity at solar mesogranular scales”, *Centr. Eur. Astrophys. Bull.* 1, 1–11
- Beck, C., Mikurda, K., Bellot Rubio, L. R., Schlichenmaier, R., and Sütterlin, P.: 2007, “Magnetic properties of G-band bright points”, in F. Kneer, K. G. Puschmann, and A. D. Wittmann (Eds.), *Modern Solar facilities – Advanced Solar Science*, Universitätsverlag Göttingen
- Hammerschlag, R. H., Bettonvil, F. C. M., Jägers, A. P. L., Sliopen, G., and Snik, F.: 2006, “Completely open foldable tent construction still closable in strong wind”, in *Spatial Structures*, Procs. IASS, paper 108
- Cabrera Solana, D., Rubio, L. R. B., Beck, C., and del Toro Iniesta, J. C.: 2006, “Evershed Clouds as Precursors of Moving Magnetic Features around Sunspots”, *Astrophys. J. Lett.* 649, L41–L44
- Hammerschlag, R. H., Bettonvil, F. C. M., and Jägers, A. P. L.: 2006a, “Towers for telescopes with extreme stability: active or passive?”, in E. Atad-Ettinger, J. Antebi, and D. Lemke (Eds.), *Optomechanical Technologies for Astronomy*, Procs. SPIE 6273, paper 62731O
- Hammerschlag, R. H., Bettonvil, F. C. M., Jägers, A. P. L., and Scharmer, G. B.: 2006b, “Large bearings with incorporated gears, high stiffness, and precision for the Swedish Solar Telescope (SST) on La Palma”, in E. Atad-Ettinger, J. Antebi, and D. Lemke (Eds.), *Optomechanical Technologies for Astronomy*, Procs. SPIE 6273, 34–49
- Bettonvil, F. C. M., Hammerschlag, R. H., Sütterlin, P., Rutten, R. J., Jägers, A. P. L., and Sliopen, G.: 2006, “Tunable H-alpha Lyot filter with advanced servo system and image processing: instrument design and new scientific results with the Dutch Open Telescope”, in I. S. McLean and M. Iye (Eds.), *Ground-based and Airborne Instrumentation for Astronomy*, Procs. SPIE 6269, paper 62690E
- Lanford, E., Swain, M., Meyers, C., Muramatsu, T., Nielson, G., Olson, V., Ronsse, S., Vinding Nyden, E., Hammerschlag, R., and Little, P.: 2006, “Concept study and validation of Antarctic telescope tower”, in Monnier, John D., Schöller, Markus, and Danchi, William C. (Eds.), *Advances in Stellar Interferometry*, Procs. SPIE 6268, paper 626814
- Heinzel, P. and Anzer, U.: 2006, “On the fine structure of solar filaments”, *Astrophys. J.* 643, L65–L68
- Leenaarts, J., Rutten, R. J., Sütterlin, P., Carlsson, M., and Uitenbroek, H.: 2006, “DOT tomography of the solar atmosphere VI. Magnetic elements as bright points in the blue wing of H α ”, *Astron. Astrophys.* 449, 1209–1218
- Tziotziou, K., Tsiropoula, G., and Sütterlin, P.: 2005, “DOT tomography of the solar atmosphere V. Analysis of a surge from AR10486”, *Astron. Astrophys.* 444, 265–274

- Leenaarts, J., Sütterlin, P., Rutten, R. J., Carlsson, M., and Uitenbroek, H.: 2005, “Small Scale Magnetic Elements as Bright Points in the Blue $H\alpha$ Wing”, in D. E. Innes, A. Lagg, and S. A. Solanki (Eds.), *Chromospheric and Coronal Magnetic Fields*, Vol. 596 of *ESA Special Publication*
- de Wijn, A. G., Rutten, R. J., Haverkamp, E. M. W. P., and Sütterlin, P.: 2005, “DOT tomography of the solar atmosphere IV. Magnetic patches in internetwork areas”, *Astron. Astrophys.* 441, 1183–1190
- Bellot Rubio, L. R. and Beck, C.: 2005, “Magnetic Flux Cancellation in the Moat of Sunspots: Results from Simultaneous Vector Spectropolarimetry in the Visible and the Infrared”, *Astrophys. J.* 626, L125–L128
- Leenaarts, J. and Wedemeyer-Böhm, S.: 2005, “DOT tomography of the solar atmosphere III. Observations and simulations of reversed granulation”, *Astron. Astrophys.* 431, 687–692
- Shelyag, S., Schüssler, M., Solanki, S. K., Berdyugina, S. V., and Vögler, A.: 2004, “G-band spectral synthesis and diagnostics of simulated solar magneto-convection”, *Astron. Astrophys.* 427, 335–343
- Hammerschlag, R. H., von der Lühe, O., Bettonvil, F. C. M., Jägers, A. P., and Snik, F.: 2004, “GISOT: A giant solar telescope”, in J. Oschmann (Ed.), *Astronomical Telescopes and Instrumentation*, Procs. SPIE 5489, 491–506
- Bettonvil, F. C. M., Hammerschlag, R. H., Sütterlin, P., Rutten, R. J., Jägers, A. P., and Snik, F.: 2004, “DOT++: The Dutch Open Telescope with 1.4-m aperture”, in J. Oschmann (Ed.), *Astronomical Telescopes and Instrumentation*, Procs. SPIE 5489, 362–373
- Rutten, R. J., Bettonvil, F. C. M., Hammerschlag, R. H., Jägers, A. P. L., Leenaarts, J., Snik, F., Sütterlin, P., Tziotziou, K., and de Wijn, A. G.: 2004, “The Dutch Open Telescope on La Palma”, in A. V. Stepanov, E. E. Benevolenskaya, and A. G. Kosovichev (Eds.), *Multi-Wavelength Investigations of Solar Activity*, Procs. IAU Symposium 223, Cambridge University Press, 597–604
- Sütterlin, P., Rubio, L. R. B., and Schlichenmaier, R.: 2004, “Asymmetrical appearance of dark-cored filaments in sunspot penumbrae”, *Astron. Astrophys.* 424, 1049–1053
- Pötzi, W. and Brandt, P. N.: 2004, “Is solar plasma sinking down in vortices?”, *Hvar Obs. Bull.* 29, 1–10
- Berger, T. E. and Title, A. M.: 2004, “Recent Progress in High-Resolution Observations”, in T. Sakurai and T. Sekii (Eds.), *The Solar-B Mission and the Forefront of Solar Physics*, Vol. 325 of *Astronomical Society of the Pacific Conference Series*, 95
- Rutten, R.: 2004, “DOTtige lijnkernen”, *Vakidoot* 2003–2004, nr. 4
- Rutten, R. J., de Wijn, A. G., and Sütterlin, P.: 2004a, “DOT tomography of the solar atmosphere II. Reversed granulation in Ca II H”, *Astron. Astrophys.* 416, 333–340
- Rutten, R. J., Hammerschlag, R. H., Bettonvil, F. C. M., Sütterlin, P., and de Wijn, A. G.: 2004b, “DOT tomography of the solar atmosphere I. Telescope summary and program definition”, *Astron. Astrophys.* 413, 1183–1189
- Bovelet, B. and Wiehr, E.: 2003, “Dynamics of the solar active region fine structure”, *Astron. Astrophys.* 412, 249–255
- Roupe van der Voort, L. H. M., Rutten, R. J., Sütterlin, P., Sloover, P. J., and Krijger, J. M.: 2003, “La Palma observations of umbral flashes”, *Astron. Astrophys.* 403, 277–285
- Nisenson, P., van Ballegooijen, A. A., de Wijn, A. G., and Sütterlin, P.: 2003, “Motions of isolated G-band bright points in the solar photosphere”, *Astrophys. J.* 587, 458–463
- Roupe van der Voort, L. H. M.: 2003, “On the time variability of the Evershed effect”, *Astron. Astrophys.* 397, 757–764
- Rutten, R. J.: 2003a, “High-Resolution Solar Physics”, in S. C. Tripathy and P. Venkatakrishnan (Eds.), *Probing the Sun with High Resolution*, Narosa Publ. House, New Delhi, 39–50
- Rutten, R. J.: 2003b, “The Dutch Open Telescope”, in T. Oswalt (Ed.), *The future of small telescopes in the new millennium. II - The telescopes we use*, *Astrophys. Space Science Lib.* 288, Kluwer, Dordrecht, Vol. II, 111–120
- Hammerschlag, R. H., Jägers, A. P., and Bettonvil, F. C. M.: 2003, “Large open telescope: size upscaling from DOT to LOT”, in S. L. Keil and S. V. Avakyan (Eds.), *Innovative Telescopes and Instrumentation for Solar Astrophysics*, Procs. SPIE 4853, 294–305
- Bettonvil, F. C. M., Hammerschlag, R. H., Sütterlin, P., Jägers, A. P., and Rutten, R. J.: 2003, “Multi-wavelength imaging system for the Dutch Open Telescope”, in S. L. Keil and S. V. Avakyan (Eds.), *Innovative Telescopes and Instrumentation for Solar Astrophysics*, Procs. SPIE 4853, 306–317
- Briand, C., Collados, M., and Sütterlin, P.: 2002, “THEMIS and DOT joint observations on NOAA 9716”, in H. Sawaya-Lacoste (Ed.), *SOLMAG 2002. Proceedings of the Magnetic Coupling of the Solar Atmosphere Euroconference*, Vol. 505 of *ESA Special Publication*, 361–364

- Rutten, R. J., Sütterlin, P., de Wijn, A. G., Hammerschlag, R. H., Bettonvil, F. C. M., Hoogendoorn, P. W., and Jägers, A. L.: 2002, “Dutch Open Telescope: status, results, prospects”, in *Solar Variability: From Core to Outer Frontiers*, Procs. 10th European Solar Physics Meeting, ESA SP-506, 903–906
- Kushtal, G. I. and Skomorovsky, V. I.: 2002, “Advance of the geometrical measurement of the birefringent filter’s crystal plates and two-dimensional measurements of Doppler velocity in the solar atmosphere”, *Procs. SPIE* 4900, 504–517
- Rutten, R. J., de Wijn, A. G., Sütterlin, P., Bettonvil, F. C. M., and Hammerschlag, R. H.: 2003, “Opening the Dutch Open Telescope”, in *SOLMAG: Magnetic Coupling of the Solar Atmosphere*, Procs. Euroconference and IAU Colloq. 188, ESA SP-505, 565–568
- Balthasar, H., Sütterlin, P., and Collados, M.: 2001, “Penumbra fine structure: need for larger telescopes”, *Astron. Nachrichten* 322, 367–370
- Sobotka, M. and Sütterlin, P.: 2001, “Fine structure in sunspots. IV. Penumbra grains in speckle reconstructed images”, *Astron. Astrophys.* 380, 714–718
- Sütterlin, P., Rutten, R. J., and Skomorovsky, V. I.: 2001, “Ba II 4554 Å speckle imaging as solar Doppler diagnostic”, *Astron. Astrophys.* 378, 251–255
- Sütterlin, P.: 2001, “The size of penumbra fine structure”, *Astron. Astrophys.* 374, 21–25
- Rutten, R. J.: 2001a, “DOT strategies versus Orbiter strategies”, in *Solar Encounter*, Procs. First Solar Orbiter Workshop, ESA SP-493, Estec, Noordwijk, 357–360
- Rutten, R.: 2001b, “Zwaarwichtige expedities”, *Vakidoot* 2000–2001 nr. 3, 2–7
- Sütterlin, P., Hammerschlag, R. H., Bettonvil, F. C. M., Rutten, R. J., Skomorovsky, V. I., and Domyshv, G. N.: 2001, “A Multi-Channel Speckle Imaging System for the DOT”, in M. Sigwarth (Ed.), *Advanced Solar Polarimetry – Theory, Observation, and Instrumentation*, Procs. 20th NSO/SP Summer Workshop, Astron. Soc. Pacific Conf. Series, Vol. 236, 431–438
- Rutten, R. J., Hammerschlag, R. H., Sütterlin, P., and Bettonvil, F. C. M.: 2001a, “Proxy magnetometry with the Dutch Open Telescope”, in M. Sigwarth (Ed.), *Advanced Solar Polarimetry – Theory, Observation, and Instrumentation*, Procs. 20th NSO/SP Summer Workshop, Astron. Soc. Pacific Conf. Series, Vol. 236, 25–32
- Rutten, R. J., Hammerschlag, R. H., Sütterlin, P., Bettonvil, F. C. M., and van der Zalm, E. B. J.: 2001b, “Solar magnetometry with the Dutch Open Telescope”, in A. Wilson (Ed.), *The Solar Cycle and Terrestrial Climate*, Procs. 1st Solar & Space Weather Euroconference, ESA Special Publication SP-463, Estec, Noordwijk, 611–616
- Rutten, R. J., Hammerschlag, R. H., Bettonvil, F. C. M., and Suetterlin, P.: 2000, “Dutch Open Telescope: Status and Prospects”, in *AAS/Solar Physics Division Meeting*, Vol. 32, 02107
- Rutten, R. J.: 2000, “C. Zwaan (1929–1999) and JOSO”, in A. Antalová and A. Kučera (Eds.), *Annual Report 1999 Volume 29*, Joint Organization for Solar Observations, Astron. Inst. Tatranská Lomnica, Slovak Republic, 4–7
- Rutten, R. J.: 1999a, “The Dutch Open Telescope: History, Status, Prospects”, in T. R. Rimmele, K. S. Balasubramanian, and R. R. Radick (Eds.), *High Resolution Solar Physics: Theory, Observations, and Techniques*, Procs. 19th NSO/Sacramento Peak Summer Workshop, Astron. Soc. Pacific Conf. Series, Vol. 183, 147–156
- Rutten, R. J.: 1999b, “Two-Dimensional Phase-Diverse Stokes Spectrometer”, in T. R. Rimmele, K. S. Balasubramanian, and R. R. Radick (Eds.), *High Resolution Solar Physics: Theory, Observations, and Techniques*, Procs. 19th NSO/Sacramento Peak Summer Workshop, Astron. Soc. Pacific Conf. Series, Vol. 183, 296–302
- Rutten, R. J., Hammerschlag, R. H., and Bettonvil, F. C. M.: 1999, “The Dutch Open Telescope”, in C. J. Butler and J. G. Doyle (Eds.), *Solar and Stellar Activity: Similarities and Differences*, Procs. Armagh Workshop, Astron. Soc. Pacific Conf. Series, Vol. 158, 57–60
- Rutten, R.: 1999a, “Zonsonderzoek met de DOT”, *Vakidoot* 1999–2000 nr. 1, 2–7
- Rutten, R.: 1999b, “Dutch Open Telescope: spiegel op de tocht”, *Natuur & Techniek* 67 nr. 5, 70–79
- Hammerschlag, R. H. and Bettonvil, F. C. M.: 1998, “The Dutch Open Telescope at the Roque de los Muchachos Observatory”, *New Astronomy Reviews* 42, 485–488
- Rutten, R.: 1998, “Eerste licht voor de Dutch Open Telescope”, *Zenit* 25, 69–71
- Rutten, R. J., Hammerschlag, R. H., and Bettonvil, F. C. M.: 1997a, “Dutch Open Telescope: Status and Prospects”, in B. Schmieder, J. C. del Toro Iniesta, and M. Vázquez (Eds.), *Advances in the Physics of Sunspots*, Procs. First Adv. in Solar Physics Euroconf., Astron. Soc. Pacific Conf. Series, Vol. 118, 335–339
- Rutten, R. J., Hammerschlag, R. H., and Bettonvil, F. M.: 1997b, “The Dutch Open Telescope”, in F. P. Pijpers, J. Christensen-Dalsgaard, and C. S. Rosenthal (Eds.), *Solar Convection and Oscillations and their Relationship*, Procs. SCORE96, Kluwer, Dordrecht, 289–292

- Rutten, R. J., Hammerschlag, R. H., and Bettonvil, F. C. M.: 1997c, "The Dutch Open Telescope", in N. Mein and S. Sahal-Br  chot (Eds.), *Science with THEMIS*, Procs. Forum THEMIS, Observatoire de Paris, Meudon, 285–291
- Rutten, R., Hammerschlag, R., and Bettonvil, F.: 1997d, "De Dutch Open Telescope. Nieuwe zonnetelescoop op La Palma", *Zenit* 24, 481–485
- Rutten, R.: 1997, "De Dutch Open Telescope. I. Inleiding", *Vakidoot* 96-97 nr. 6, 12–22
- Rutten, R.: 1996a, "Zonnewfysica in en buiten Utrecht", *Vakidoot* 96/97–1, 2–5
- Rutten, R.: 1996b, "DOT ziet zon", *Utrechtscoop (NVWS–JWG Utrecht)* Nr. 5, 3–8
- Hammerschlag, R. H.: 1986, "Friction and stick-slip in a telescope construction", *Wear* 113, 17–20
- Hammerschlag, R. H.: 1983, "A telescope drive with emphasis on stability", *Procs. SPIE* 444, 138–146
- Hammerschlag, R. H.: 1981a, "Construction outlines of the Utrecht Open Solar Telescope", in R. B. Dunn (Ed.), *Solar Instrumentation: What's Next?*, Proc. Sacramento Peak Nat'l Obs. Conf., Sunspot, New Mexico, 547–582
- Hammerschlag, R. H.: 1981b, "Aperture screens for solar telescopes", in R. B. Dunn (Ed.), *Solar Instrumentation: What's Next?*, Proc. Sacramento Peak Nat'l Obs. Conf., Sunspot, New Mexico, 274–289
- Hammerschlag, R. H.: 1981c, "Excursion: tower, parking lot, geostationary orbit", in R. B. Dunn (Ed.), *Solar Instrumentation: What's Next?*, Proc. Sacramento Peak Nat'l Obs. Conf., Sunspot, New Mexico, 583–599
- Hammerschlag, R. H. and Rutten, R. J.: 1979, "An Open LEST?", in G. Godoli, G. Noci, and A. Righini (Eds.), *Future Solar Optical Observations: Needs and Constraints*, Proceed. JOSO Workshop, Osservazione e Memorie dell' Osservatorio Astrofisico di Arcetri, Fascicolo 106, Florence, 115–120
- Hammerschlag, R. H.: 1973, "Semitransparent Wind Shields", *JOSO Annual Report* 61–66
- Hammerschlag, R. H. and Zwaan, C.: 1973, "An Efficient Wind Shield for the Protection of Telescopes", *Pub. Astron. Soc. Pacific* 85, 468–469
- Hammerschlag, R. H.: 1973, "A Stable Tower for Telescopes", *JOSO Annual Report* 85–88