

Glenn Schneider - Publication List

(Chronological order. Links to cited papers on: <http://nicmosis.as.arizona.edu:8000/Publications.html>)

Refereed Journals

- 1R. **Schneider, G.**, 1982, "Fourier Transformation by Harmonic Analysis", *APL Quote Quad*, **11-2**, 19.
- 2R. **Schneider, G.**, 1982, "Inverse Fourier Transformation", *APL Quote Quad*, **11-2**, 21.
- 3R. Dunham, E. W., Baron, R. L., Conner, S., Dunham, D. W., Dunham, J. B., **Schneider, G.**, Cohen, H. L., Helms, V. T. III, Croom, M., and Safko, J., 1984, "Results from the Occultation of 14 Piscium by (51) Nemausa", *Astronomical Journal*, **89**, 1755.
- 4R. Millis, R. L., Wasserman, L. H., Franz, O. G., Nye, R. A., Oliver, R. C., Kreidl, T. J., Jones, S. E., Hubbard, W., Lebofsky, L., Goff, R., Marcialis, R., Sykes, M., Fecker, J., Hunten, D., Zellner, B., Reitsema, H., **Schneider, G.**, Dunham, E., Klavetter, J., Meech, K., Oswalt, T., Rayfert, J., Strothers, E., Smith, J., Povenmire, H., Jones, B., Kornbluh, D., Reed, L., Izon, K., A'Hearn, M. F., Schnurr, R., Osborn, W., Klemola, A., Rios, M., Sanchez, A., Pirronen, J., Mooney, M., Ireland, S., Parker, D., Douglas, W. T., Beish, J. D., and Leibow, D., 1987, "The Size, Shape, Density, and Albedo of Ceres from Its Occultation of BD+08 471", *Icarus*, **72**, 507.
- 5R. **Schneider, G.**, 1989, "The Jurkevich Periodogram", *APL Quote Quad*, **19-2**, 23.
- 6R. **Schneider, G.**, Paluzzi, P., and Oliver, J. P., 1989, "Systematic Error in the Synoptic Sky Cover Record of the South Pole", *Journal Of Climate*, **2**, 295.
- 7R. Dunham, D. W., Dunham, J. B., A'Hearn, M. F., Schnurr, R., Binzel, R. P., Henry, G., Frueh, M., Evans, D. S., Bowell, E., Wasserman, L. H., Nye, R., Chapman, C. R., Dietz, R. D., Moncivais, C., Douglas, W. T., Parker, D. C., Beish, J. D., Martin, J. O., Monger, D. R., Hubbard, W. B., Reitsema, H. J., Klemola, A. R., Lee, P. D., McNamara, B., Maley, P. D., Manly, P., Markworth, N. L., Nolthenius, R., Povenmire, H., Purrington, R. D., Durham, F. E., Trenary, C., Jenevin, W., Dauns J., **Schneider, G.**, Schuster, W. J., Moreno, M.A., Guichard, J., Sanchez, G. R., Strothers, E., Taylor, G. E., and Uggren, A., 1989, "The Size and Shape of (2) Pallas from the 1983 Occultation of I Vulpeculae", *Publication of the Astronomical Society of the Pacific*, **99**, 1663.
- 8R. **Schneider, G.** and Anderson, C., 1993, "Rosemary Hill Observatory Lunar Occultation Summary for 1983-1984", *Publication of the Astronomical Society of the Pacific*, **105**, 367.
- 9R. McCarthy, D., Stolovy, S., Kern, S., **Schneider, G.**, Ferro, A., Spinrad, H., Black, J., and Smith, B., 1997, "NICMOS/HST Post-Perihelion Images of Comet Hale-Bopp in Outburst", *Earth, Moon and Planets*, **78**, 243.
- 10R. Thompson, R.I., Rieke, M., **Schneider, G.**, Hines, D.C., Corbin, M., 1998, "Initial On-Orbit Performance of NICMOS", *Astrophysical Journal*, **492**, L95.
- 11R. Thompson, R.I., Corbin, M., Young, E., **Schneider, G.**, Rieke, M., 1998, "NGC 2264 IRS Evidence for Triggered Star Formation", *Astrophysical Journal*, **492**, L177.
- 12R. McCaughrean, M.E., Chen, H., Bally, J., Erickson, E., Rieke, M., **Schneider, G.**, Stolovy, S., Thompson, R., Young, E., 1998, "High-Resolution Near-Infrared Imaging of the Orion 114-426 Silhouette Disk", *Astrophysical Journal*, **492**, L157.

- 13R. Scoville, N.Z., Evans, A.S., Dinshaw, R., Thompson, R., Rieke, M., **Schneider, G.**, Low, F.J., Hines, D., Stobie, B., Becklin, E., and Epps, H., 1998, "NICMOS Imaging of the Nuclei of ARP 220", *Astrophysical Journal*, **492**, L107.
- 14R. Kulkarni, V.P., Calzetti, L., Bergeron, L., Rieke, M., Axon, D., Skinner, C., Colina, L., Sparks, W., Daou, D., Gilmore, D., Holfeltz, S., MacKenty, J., Noll, K., Ritchie, C., **Schneider, G.**, Schultz, A., Storrs, A., Suchkov, A., and Thompson, R., 1998, "Unveiling the Hidden Nucleus of IC 5063 with NICMOS", *Astrophysical Journal*, **492**, L121.
- 15R. Stolovy, S.R., Burton, M.G., Erickson, E.F., Kaufman, M.J., Chrysostomou, Young, E.T., Colgan, S., Axon, D.J., Thompson, R.I., Rieke, M.J., and **Schneider, G.**, 1998, "NICMOS 2 Micron Continuum and H₂ Images of OMC-1", *Astrophysical Journal*, **492**, L151.
- 16R. Sahai, R., Hines, D., Kastner, J., Weintraub, D., Trauger, J., Rieke, M., Thompson, R., and **Schneider, G.**, 1998, "The Structure of the Prototype Bipolar Protoplanetary Nebula CRL 2688 (Egg Nebula): Broadband, Polarimetric, and H₂ Line Imaging with NICMOS on the Hubble Space Telescope", *Astrophysical Journal*, **492**, L163.
- 17R. Chen, Hua, Bally, J., O'Dell, R.C., McCaughrean, J., Thompson, R., Rieke, M., **Schneider, G.**, and Young, E.T., 1998, "2.12 Micron Molecular Hydrogen Emission from Circumstellar Disks Embedded in the Orion Nebula", *Astrophysical Journal*, **492**, L173.
- 18R. **Schneider, G.**, Hershey, J.L., Wenz, M.T., 1998, "Duplicity in HST Guide Stars - FGS Serendipitous Survey Results", *Publication of the Astronomical Society of the Pacific*, **110**, 1012.
- 19R. Thompson, R.I., Storrie-Lombardi, L.J., Weymann, R.J., Rieke, M.J., **Schneider, G.**, Stobie, E., and Lytle, D., 1999, "NICMOS Observations of the Hubble Deep Field: Observations, Data Reduction, and Galaxy Photometry", *Astronomical Journal*, **117**, 17.
- 20R. Lowrance, P., McCarthy, C., Becklin, E., Zuckerman, B., **Schneider, G.**, Webb, R., Hines, D., Kirkpatrick, J., Koerner, D., Low, F., Meier, R., Rieke, M., Smith, B., Terrile, R., and Thompson, R., 1999, "A Candidate Substellar Companion to CoD -33°7795 (TWA5)", *Astrophysical Journal*, **512**, L69.
- 21R. **Schneider, G.**, Smith, B.A., Becklin, E.E., Koerner, D.W., Meier, R., Hines, D.C., Lowrance, P.J., Terrile, R.J., Thompson, R.I., and Rieke, M., 1999, "NICMOS Imaging of the HR 4796A Circumstellar Disk", *Astrophysical Journal*, **513**, L127.
- 22R. Dumas, C., Terrile, R.J., Smith, B.A., **Schneider, G.**, Becklin, E., 1999, "Stability of Neptune's Ring-Arcs In Question", *Nature*, **400**, 733.
- 23R. □Low, F.J., Hines, D.C., and **Schneider, G.**, 1999, "NICMOS Observations of the Pre-Main-Sequence Planetary Debris System HD 98800", *Astrophysical Journal*, **520**, L45.
- 24R. Weinberger, A.J., Becklin, E.E., **Schneider, G.**, Smith, B.A., Lowrance, P.J., Silverstone, M.D., and Zuckerman, B., 1999, "The Circumstellar Disk of HD 141569 Imaged with NICMOS", *Astrophysical Journal*, **522**, L53.
- 25R. □Kulkarni, V.P., Hill, J.M., **Schneider, G.**, Weymann, R.J., Storrie-Lombardi, L.J., Rieke, M.J., Thompson, R.I., and Jannuzi, B., 2000, "NICMOS Imaging of the Damped Ly-□ Absorber at $z = 1.89$ toward LBQS 1210+1731: Constraints on Size and Star Formation Rate", *Astrophysical Journal*, **536**, 36.
- 26R. Corbin, M.R., Vacca, W.D., O'Neil, E., Thompson, R.I., Rieke, M., and **Schneider, G.**, 2000, "Photometric Redshifts and Morphologies of Galaxies in the NICMOS Parallel Fields", *Astronomical Journal*, **119**, 1062.

- 27R. Hines, D.C., Schmidt, G.D., and **Schneider, G.**, 2000, "Analysis of Polarized Light with NICMOS", *Publication of the Astronomical Society of the Pacific*, **112**, 983.
- 28R. Luhman, K.L., Rieke, G.H., Young, E.T., Cotera, Angela, S., Chen, H., Rieke, M.J., **Schneider, G.**, and Thompson, R.I., 1999, "The Initial Mass Function of Low-Mass Stars and Brown Dwarfs in Young Clusters", *Astronomical Journal*, **540**, 1016□
- 29R. Lowrance, P.J., **Schneider, G.**, Kirkpatrick, J.D., Becklin, E.E., Weinberger, A.J., , Zuckerman, B., Plait, P., Malimuth, E.M., Heap, S.R., Schultz, A., Smith, B.A., Terrile, R.J.,□and Hines, D.C., 2000, "A Candidate Substellar Companion to HR 7329", *Astrophysical Journal*, **541**, L390.
- 30R. Corbin, M.R., O'Neil, E., Thompson, R.I., Rieke, M.J., and **Schneider, G.**, 2000, "A Color Analysis of the NICMOS Parallel Image Archive", *Astronomical Journal*, **120**, 1209.
- 31R. **Schneider, G.**, Becklin, E.E., Smith, B.A., Hines, D., Weinberger, A.J., and Silverstone, M., 2001, "NICMOS Coronagraphic Observations of 55 Cancri", *Astronomical Journal*, **121**, 525.
- 32R. Corbin, M.A., Urban, A., Stobie, E., Thompson, R.I., and **Schneider, G.**, 2001, "A Multivariate Analysis of Galaxies in the Hubble Deep Field", *Astronomical Journal*, **551**, 23.
- 33R. Dumas, C., Terrile, R.J., Brown, R.H., **Schneider, G.**, and Smith, B.A., 2001, "HST/NICMOS Spectroscopy of Charon's Leading and Trailing Hemispheres", *Astrophysical Journal*, **121**, 1163.
- 34R. Kulkarni, V.P., Hill, J.M., **Schneider, G.**, Weymann, R.J., Storrie-Lombardi, L.J., Rieke, M.J., Thompson, R.I., and Jannuzi, B., 2001, "A Search for the Damped Ly-□ Absorber at $z=1.86$ toward QSO 1244+3443 with NICMOS", *Astrophysical Journal*, **551**, 37.
- 35R. Cotera, A.S., Whitney, B.A., Young, E., Wolff, M.J., Wood, K., Povich, M., **Schneider, G.**, Rieke, M., Thompson, R., 2001, "High-resolution Near-Infrared Images and Models of the Circumstellar Disk in HH 30", *Astrophysical Journal*, **556**, 958.
- 36R.Boeker, T., Bacinski, J., Bergeron, L., Calzetti, D., Jones, M., Gilmore, D., Holfeltz, S., Monroe, B., Nota, A., Sosey, M., **Schneider, G.**, O'Neil, E., Hubbard, P., Ferro, A., Barg, I., Stobie, E., 2001, "Properties of PACE-I HgCdTe Detectors in Space - the NICMOS Warm-up Monitoring Program", *Publication of the Astronomical Society of the Pacific*, **113**, 859.
- 37R. Weinberger, A.J., Becklin, E.E., **Schneider, G.**, Chaing, E.I., Lowrance, P.J., Silverstone, M., Zuckerman, B., Hines, D.C., and Smith, B.A., 2002, "Infrared Views of the TW Hya Disk", *Astrophysical Journal*, **566**, 409.
- 38R. Dumas, C., Terrile, R.J., Smith, B.A., and **Schneider, G.**, 2002, "Astrometry and Near-Infrared Photometry of Neptune's Inner Satellites and Ring-Arcs", *Astronomical Journal*, **123**, 1776.
- 39R. **Schneider, G.**, Wood, K., Silverstone, M., Hines, D.C., Koerner, D.W., Whitney, B.A., Bjorkman, J.E., and Lowrance, P.J., 2003, "NICMOS Coronagraphic Observations of the GM Aurigae Circumstellar Disk", *Astronomical Journal*, **125**, 1467.
- 40R. **Schneider, G.**, Pasachoff, J.M., and Goulb, L., 2003, "TRACE Observations of the 15 November 1999 Transit of Mercury and the Black Drop Effect for the 2004 Transit of Venus", *Icarus*, in press.
- 41R. **Schneider, G.**, Smith, B.A., Becklin, E.E., Weinberger, A.J., Silverstone, M.J., Hines, D.C., and Lowrance, P.J., 2004, "STIS Imaging of the HR 4796A Circumstellar Debris Ring", *ApJ*, in preparation.□
- 42R. Low, F., **Schneider, G.** , Neugebauer, G., 2004, "NICMOS Imaging of the ULIRG MRK 231", *ApJ*, in preparation.

Conference Proceedings

- 1P. Chen, K-Y, Esper, J., McNeill, J. D., Oliver, J. P., **Schneider, G.**, and Wood, F. B., 1986, "An Automated South Pole Stellar Telescope", *Conference Proceedings: Instrumentation and Research Programmes for Small Telescopes*, ed. J. B. Hearnshaw & P. L. Cottrell, (Dordrecht:Reidel), *International Astronomical Union Symposium*, **118**, 83.
- 2P. **Schneider, G.**, Paluzzi, P., and Webb, J., 1989, "Astrophysical APL - Diamonds in the Sky", in *APL89 Conference Proceedings: APL as a Tool of Thought*, ACM Press, New York, (*APL Quote Quad*), **19-4**, 308.
- 3P. MacKenty, J. W., **Schneider, G.**, 1993, "On-orbit Management of Contaminants within the HST Wide Field Planetary Camera and Their Effect on Instrument Performance", *Conference Proceedings: Space Astronomical Telescopes and Instrumentation II*, eds. P. Y. Bely & J. B. Breckinridge, *SPIE Proceedings Series*, **1945**, 340.
- 4P. Fitch, J. and **Schneider, G.**, 1993, "Serendipitous Background Monitoring of the Hubble Space Telescope's Faint Object Spectrograph", *Space Astronomical Telescopes and Instrumentation II*, eds. P. Y. Bely & J. B. Breckinridge, *SPIE Proceedings Series*, **1945**, 214.
- 5P. Stobie, B., **Schneider G.**, and Bushouse, H., 1995, "NICMOS Calibration Pipeline", *Calibrating Hubble Space Telescope: Post Servicing Mission*, (STScI: Baltimore), 416.
- 6P. Bushouse, H., Mackenty, J., Skinner, C., Axon, D., Stobie, E., and **Schneider G.**, 1996, "NICMOS Calibration Pipeline - A Collaborative Project Between IDT and STScI", in *Astronomical Data Analysis Software and Systems V: A.S.P. Conference Series*, **101**, 281.
- 7P. **Schneider, G.**, Thompson, R. I., Smith, B. A., Terrile, R. J., 1998, "Exploration of the environments of nearby stars with the NICMOS coronagraph: instrumental performance considerations", *Conference Proceedings: Space Telescopes and Instrumentation V., at Astronomical Telescopes and Instrumentation*, eds. P. Y. Bely & J. B. Breckinridge, *SPIE Proceedings Series*, **3356**, 222.
- 8P. Thompson, R. I., and **Schneider, G.**, 1998, "NICMOS performance on the Hubble Space Telescope", *Space Telescopes and Instrumentation V., at Astronomical Telescopes and Instrumentation*, eds. P. Y. & Bely, J. B. Breckinridge, *SPIE Proceedings Series*, **3356**, 215.
- 9P. **Schneider, G.**, 1998, "NICMOS Coronagraphic Surveys. Preliminary Results", *Conference Proceedings: NICMOS and the VLT: A New Era of High Resolution Near Infrared Imaging and Spectroscopy*, eds. W. Freudling & R. Hook, *ESO Workshop and Conference Proceedings*, **55**, 88.
- 10P. Lowrance, P.J., Beckline, E.E., **Schneider, G.**, Hines, D., Kirkpatrick, D., Koerner, D., Low, F., McCarthey, D., Meier, R., Reike, M., Smith, B.A., Terrile, R., Thompson, R., Zuckerman, B., 1998, "A Coronagraphic Search for Substellar Companions to Young Stars", *NICMOS and the VLT: A New Era of High Resolution Near Infrared Imaging and Spectroscopy*, eds. W. Freudling & R. Hook, *ESO Workshop and Conference Proceedings*, **55**, 96.
- 11P. Corbin, M.R., Thompson, R.I, O'Neil, E., Rieke, M., and **Schneider, G.**, 1999, "High Redshift Galaxies and QSOs in the NICMOS Parallel Fields, *Conference Proceedings: Photometric Redshifts and the Detection of High Redshift Galaxies*", eds. R. Weymann, L. Storrie-Lombardi, M. Sawicki, & R. Brunner. *ASP Conference Series*, **191**, 247.
- 12P. Kulkarni, V. P., Hill, J. M., **Schneider, G.**, Weymann, R. J., Storrie-Lombardi, L. J., Rieke, M. J., Thompson, R.I., and Jannuzi, B., 1999, "NICMOS Imaging of Damped Ly- α Absorber at $z=2$ ". *The Hy-Redshift Universe: Galaxy Formation and Evolution at High Redshift*, eds. A. J. Bunker and W. J. M. van Breugel, *ASP Conference Series*, **193**, 603.
- 13P. Kulkarni, V. P., Hill, J. M., Weymann, R. J., Storrie-Lombardi, L. J., Rieke, M. J., **Schneider, G.**, Thompson, R. I.; Jannuzi, B., 1999, "Search for a High-Redshift Damped Lyman-Alpha Absorber with NICMOS", eds. J. R. Walsh, M. R. Rosa, *Chemical Evolution from Zero to High Redshift*, (Berlin: Springer-Verlag), **62**.

- 14P. **Schneider, G.**, Becklin E. E., Lowrance, P. J., and Smith, B. A., and the NICMOS IDT/EONS & HST GO/8176 Teams, 2000, "Substellar Companions to Nearby Stars from NICMOS Surveys", *Conference Proceedings: Disks, Planets and Planetesimals*, eds. F. Garzon, E. D. de Winter, & T. J. Mahoney, *ASP Conference Series*, **219**, 499.
- 15P. Weinberger, A. J., Becklin E. E., and **Schneider, G.**, 2000, "NICMOS Imaging of Dusty Circumstellar Disks", *Conference Proceedings: Disks, Planets and Planetesimals*, eds. F. Garzon, E. D. de Winter, & T. J. Mahoney, *ASP Conference Series*, **219**, 329.
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- 17P. Schultz, A. B., Hart, H. M., Kochte, M., Bruhweilwe, G. F., Di Sanit, M. A., Miskey, C., Cheng, K. P., Reinhard, K, **Schneider, G.**, Taylor, D.C., 2000, "Pyramid Imaging with WFPC2: the Beta Pictoris Disk and Other Circumstellar Disks", *A Decade of HST Science*, (STScI: Baltimore), 85.
- 18P. **Schneider, G.**, Lowrance, P. J., Becklin, E. E., Kirkpatrick, J. D., Plait, P., Heap, S. R., Malumuth, E., Dumas, C., Schultz, A. B., Smith, B. A., Weinberger, A. J., and D. C. Hines, 2001, "Imaging and Spectroscopy of Hot (Young) 'Ultracool' Companions", *Ultracool Dwarfs - New Spectral Types L and T*, eds., H.R.A. Jones & I.A. Steele, (Springer-Verlag: Berlin), 56.
- 19P. **Schneider, G.**, Hines, D.C., Silverstone, M., Weinberger, A.J., "A Comparative Anatomy of Dusty Disks Imaged by NICMOS", 2000, *Planetary Systems in the Universe: Formation and Evolution*, eds. A.J. Penny, P. Artimowicz, & A.M. Lagrange, *ASP Conference Series*, in press.
- 20P. **Schneider, G.**, Hines, D.C., Silverstone, M., Weinberger, A.J., Becklin, E.E., Smith, B.A., 2000, "Dust to Dust: Evidence for Planet Formation?", *Astrophysical Ages and Time Scales*, eds. T. von Hippel, N. Manset, & C. Simpson, *ASP Conference Series*, **245**, 121.
- 21P. Weinberger, A. J., Becklin, E. E., Zuckerman, B., Schneider, G., and Silverstone, M. D., 2001, "A Stellar Association Near HD 141569?", *In Young Stars Near Earth: Progress and Prospects*, eds. R. Jayawardhana & T. Green, *ASP Conference Series*, **244**, 203.
- 22P. **Schneider, G.**, NICMOS/EONS & GTO/8624 Teams, 2001, "HST Observations of Dusty Disks in the TW Hydra Association", *Young Stars Near Earth: Progress and Prospects*, eds. R. Jayawardhana & T., Green, *ASP Conference Series*, **244**, 203.
- 23P. Lowrance, P. J., Becklin, E. E., **Schneider, G.**, & the NICMOS IDT/EONS and STIS 8176 Teams, 2001, "Finding Brown Dwarf Companions with HST/NICMOS", *In Young stars Near Earth: Progress and Prospects*, eds. R. Jayawardhana & T. Green, *ASP Conference Series*, **244**, 289.
- 24P. Macintosh, B., Max, C., Zuckerman, B., Becklin, E. E., Kaisler, D., Lowrance, P., Weinberger, A., Christou, J., **Schneider, G.**, Acton, S., 2001, "Keck adaptive optics observations of TW Hydrae Association Members", *Young stars Near Earth: Progress and Prospects*, eds. R. Jayawardhana & T. Green, *ASP Conference Series*, **244**, 309.
- 25P. **Schneider, G.**, & Stobie, E., 2002, "Pushing the Envelope: Unleashing the Potential of High Contrast Imaging with HST", *ADASS XI*, eds. D. A. Bohlender, D. Durand & T. H. Handley, *ASP Conference Series*, **281**, 381.
- 26P. **Schneider, G.**, and Silverstone, M., 2003, "Coronagraphy with HST/NICMOS: detectability is a sensitive issue", *High-Contrast Imaging for Exo-Planet Detection*, eds. A. B. Schultz & R. G. Lyon, *SPIE Proceedings Series*, **4860**, 1.
- 27P. **Schneider, G.**, 2003, "Coronagraphy with NICMOS", *The 2002 HST Calibration Workshop*, S. Arribas, A. Koekemoer & B. Whitmore, (STScI: Baltimore), 249.

28P. **Schneider, G.**, 2003, "High Contrast Imaging and the Disk/Planet Connection" *Conference Proceedings: Hubble's Science Legacy: Future Optical-UV Astronomy From Space*, ed. C. Blades, *ASP Conference Series*, **291**, 69.

29P. Grady, C. A., Woodgate, B., Bowers, C., and **Schneider, G.**, 2003, "The HST Legacy and Future for High Contrast Imaging of Disks and Outflows from Young Stars". *Hubble's Science Legacy: Future Optical-UV Astronomy From Space*, ed. C. Blades, *ASP Conf Series*, **291**, 375.

30P. **Schneider, G.**, Weinberger, A. J., Silverstone, M. D. Cotera, A. S., 2004, "HST Imaging of Circumstellar Disks", *Conference Proceedings: Debris Disks and the Formation of Planets*, ed. D. Bachman, *ASP Conference Series*, in press.

31P. Weinberger, A. J., Becklin, E. E., **Schneider, G.**, 2003, "Young Stellar Disks as the Sites of Planetary Evolution", *Conference Proceedings: Scientific Frontiers in Extrasolar Planets*, ed. D. Deming & S. Seager, *ASP Conference Series*, **249**, 253.

32P. **Schneider, G.**, 2004, "Highlights from HST-NICMOS", *Conference Proceedings: Committee on Space Research, Astronomy at IR/Submm and the Microwave Background*, ed. P.R. Wesselius & H. Olthof, in press.

33P. **Schneider, G.**, Pasachoff, J. M., Goulb, L., 2004, "Space Studies of the Black-Drop Effect at a Mercury Transit", in *Highlights in Astronomy*, ed. N. Thomas, in press.

□

Meeting Abstracts/Presentations

1M. Millis, R., Wasserman, L., Franz, O., Hubbard, W., Lebofsky, L., Goff, R., Marcialis, R., Sykes, M., Fecker, J., Hunten, D., Reitsema, H., Zellner, B., **Schneider, G.**, Rios, M., Dunham, E., Klavetter, J., Meech, K., Oswald, T., Rayfert, J., A'Hearn, M., Osborn, W., Parker, D., Klemola, A., and Pirronen, J., 1985, "The Occultation Diameter of Ceres", *Bulletin of the American Astronomical Society*, **17**, 729.

2M. **Schneider, G.**, Wood, F. B., Chen, K-Y, Giovane, F., and Oliver, J. P. ,1984, "Automated Photometry of Selected Stars at the South Pole", *Bulletin of the American Astronomical Society*, **16**, 497.

3M. **Schneider, G.**, 1990, "A Cautionary Note on the Use of Synoptic Climatological Observations for Observatory Site Selection", *Bulletin of the American Astronomical Society*, **21**, 1067 .

4M. Ritchie, C. E., MacKenty, J. W., Baggett, S. M., Ewald, S. P., Griffiths, R. E., Horne, K., **Schneider, G.**, Walters, L., 1991, "Calibration Stability, OEH, and Contamination in the HST Wide Field Planetary Camera", *Bulletin of the American Astronomical Society*, **23**, 1361.

5M. Wenz, M., **Schneider, G.**, and Hershey, J., 1995, "A Search for Stellar Duplicity and Variability from FGS Guide Star Acquisitions and Guiding Data", *Bulletin of the American Astronomical Society*, **187**, #43.01.

6M. **Schneider, G.**, Thompson, R., Rieke, M., Mentzell, E., Koromos, K., Stobie, B., 1995, "The Near Infrared Camera and Multi-Object Spectrometer. A Status Report", *Bulletin of the American Astronomical Society*, **187**, #04.06.

7M. Hershey, J., **Schneider, G.**, and Wenz, M., 1996, "A Search for Stellar Duplicity and Variability from FGS Guide Star Acquisitions and Guiding Data - Project Status", *Bulletin of the American Astronomical Society*, **189**, #77.08.

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9M. **Schneider, G.**, 1997, "On-Orbit Performance of the NICMOS Coronagraph", *Bulletin of the American Astronomical Society*, **25**, pp. 1225.

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- [8M] [04JAN97\[ps\]](#) [The Near Infrared Camera and Multi-Object Spectrometer, Ready for Launch](#)
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- 10OCT01] [Sub-Stellar Companions and Dusty Circumstellar Disks](#)
at University of California, Berkeley, Center for Integrative Planetary Science
- 18DEC01] [Dust-Busters: when Wordlets Collide](#)
at American Museum of Natural History, Rose Center (New York, NY)
- 02NOV02] [Stars, Galaxies, and HST/NICMOS: A Tale of Birth, Death and Resurrection](#)
at Custer Institute Observatory, Annual F. Hess Lecture (Southold, NY)