

CV APPENDIX IV: Glenn Schneider – Publication List

(05 February 2020)

Refereed Journals (122 published, 2 accepted, 2 submitted/in review)

- 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., & 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., & 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., & 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., & Usgren, A. 1989, "The Size and Shape of (2) Pallas from the 1983 Occultation of 1 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., & Smith, B. 1999, "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., & 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., & 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., & **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., & **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, H., Bally, J., O'Dell, R. C., McCaughrean, J., Thompson, R., Rieke, M., **Schneider, G.**, & 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., & 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., Backlin, E., Zuckerman, B., **Schneider, G.**, Webb, R., Hines, D., Kirkpatrick, J., Koerner, D., Low, F., Meier, R., Rieke, M., Smith, B., Terrile, R., & 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., & 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., & **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., & 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., & Jannuzi, B. 2000, "NICMOS Imaging of the Damped Ly- α 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., & **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., & **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.**, & 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., & 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., & **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., & Silverstone, M. 2001, "NICMOS Coronagraphic Observations of 55 Cancri", *Astronomical Journal*, **121**, 525
- 32R. Corbin, M. A., Urban, A., Stobie, E., Thompson, R. I., & **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.**, & Smith, B. A. 2001, "HST/NICMOS Spectroscopy of Charon's Leading and Trailing Hemispheres", *Astronomical 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., & Jannuzi, B. 2001, "A Search for the Damped Ly- α 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., & Smith, B. A. 2002, "Infrared Views of the TW Hya Disk", *Astrophysical Journal*, **566**, 409
- 38R. Dumas, C., Terrile, R. J., Smith, B. A., & **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., & Lowrance, P. J. 2003, "NICMOS Coronagraphic Observations of the GM Aurigae Circumstellar Disk", *Astronomical Journal*, **125**, 1467
- 40R. **Schneider, G.**, Pasachoff, J. M., & Golub, L. 2003, "TRACE Observations of the 15 November 1999 Transit of Mercury and the Black Drop Effect for the 2004 Transit of Venus", *Icarus*, **168**, 249
- 41R. Low, F. J., **Schneider, G.**, & Neugebauer, G. 2004, "High Spatial Resolution HST/NICMOS Observations of Markarian 231", *Publication of the Astronomical Society of the Pacific*, **116**, 797
- 42R. Max, C. E., Canalizo, G., Macintosh, B. A., Raschke, L., Whysong, D., Antonucci, R., & **Schneider, G.** 2005, "The Core of NGC 6240 from Keck Adaptive Optics and HST NICMOS Observations", *Astrophysical Journal*, **621**, 738
- 43R. Thompson, R. I., Illingworth, G., Bouwens, R., Dickenson, M., Eisenstein, D., Fan, X., Franx, M., Riess, A., Rieke, M. J., **Schneider, G.**, Stobie, E., Toft, S., & van Dokkum, P. 2005, "The Near-Infrared Camera and Multi-Object Spectrometer Ultra Deep Field: Observations, Data Reduction, and Galaxy Photometry", *Astronomical Journal*, **130**, 1
- 44R. **Schneider, G.**, Silverstone, M. D., & Hines, D. C. 2005, "Discovery of a Nearly Edge-On Disk Around HD 32297", *Astrophysical Journal*, **639**, L227
- 45R. Lowrance, P. J., Becklin, E. E., **Schneider, G.**, Kirkpatrick, J. D., Weinberger, A. J., Zuckerman, B., Duman, C., Beuzit, J-L, Plait, P., Malimuth, E., Heap, S., Terrile, R. J., & Hines, D. C. 2005, "An Infrared Coronagraphic Survey for Substellar Companions", *Astronomical Journal*, **130**, 1845
- 46R. **Schneider, G.**, Pasachoff, J. M., & Willson, R. 2006, "The Effect of the Transit of Venus on ACRIM's Total Solar Irradiance Measurements: Implications for Transit Studies of Extrasolar Planets", *Astrophysical Journal*, **641**, 565
- 47R. **Schneider, G.**, Silverstone, M. D., Hines, D. C., Augereau, J-C, Pinte, C., Menard, F., Krist, J., Clampin, M., Grady, C., Golimowski, D., Ardila, D., Henning, T., Wolf, S., & Rodmann, J. 2006, "Discovery of an 86 AU Radius Debris Ring around HD 181327", *Astrophysical Journal*, **650**, 414
- 48R. Song, I., **Schneider, G.**, Zuckerman, B., Farihi, J., Becklin, E. E., Lowrance, P., Macintosh, B. A., & Bessell, M. S. 2006, "HST NICMOS Imaging of the Planetary-mass Companion to the Young Brown Dwarf 2MASSJ1207334-393264", *Astrophysical Journal*, **652**, 724
- 49R. Greissl, J., Meyer, M. R., Wilking, B. A., Fanetti, T., **Schneider, G.**, Greene, T. P., & Young, E. 2007, "Hubble Space Telescope NICMOS Observations of NGC 1333: The Ratio of Stars to Sub-Stellar Objects", *Astronomical Journal*, **133**, 1321
- 50R. Pollack, L. K., Max, C. E., & **Schneider, G.** 2007, "Circumnuclear Star Clusters in the Galaxy Merger NGC 6240, Observed with Keck Adaptive Optics and HST", *Astrophysical Journal*, **660**, 288
- 51R. Grady, C. A., **Schneider, G.**, Hamaguchi, K., Sitko, M., L., Carpenter, W. J., Hines, D., Collins, K. A., Williger, G. M., Woodgate, B. E., Henning, Th., Menard, F., Wilner, D., Petre, R., Palunas, P., Quirrenbach, J. A., Nurth III, J. A., Silverstone, M. D., & Kim, J. S. 2007, "The Disk and Environment of a Young Vega Analog: HD 169142", *Astrophysical Journal*, **665**, 1391

- 52R. Hines, D. C., **Schneider, G.**, Hollenbach, D., Mamajek, E. E., Hillenbrand, L. A., Metchev, S. A., Meyer, M. A., Carpenter, J. M., Moro-Martin, A., Silverstone, M. D., Kim, J. S., Henning, Th., Bouwman, J., & Wolf, S. 2007, "The Moth: An Unusual Circumstellar Structure Associated with HD 61005", *Astrophysical Journal*, **671**, L165
- 53R. Debes, J., H, Weinbrger, A. J., & **Schneider, G.** 2008, "Complex Organic Molecules in the Spectrum of the HR 4796A Disk", *Astrophysical Journal*, **637**, L191
- 54R. Pinte, C., Padgett, D. L., Menard, F., Stapelfeldt, K. R., **Schneider, G.**, Olofsson, J., Panic, O., Augereau, J. C., Duchene, G., Krist, J., Silverstone, M., Hines, D. C., Pontopiddan, K., Perrin, M. D., McCabe, C. E., Grady, C. A., Kessler-Silacci, J., van Dishoeck, E. F., Wolf, S., Evans, N. J., Blake, G. A., Henning, T., & Stecklum, B. 2008, "Probing Dust Grain Evolution in IM Lupi's Circumstellar Disk: Multi-wavelength Observations and Modelling of the Dust Disk", *Astronomy & Astrophysics*, **489**, 633
- 55R. **Schneider, G.**, Weinberger, A. J, Debes, J., & Smith, B. A. 2009, "STIS Imaging of the HR 4796A Circumstellar Debris Ring", *Astronomical Journal*, **137**, 53
- 56R. Thompson, R. I., Sauvage, M., Kennicutt, R. C., Engelbracht, C., Vanzi, L., & **Schneider, G.** 2009, "Super Star Clusters in SBS0335-052E", *Astrophysical Journal*, **691**, 1068
- 57R. Batcheldor, D., **Schneider, G.**, Hines, D. C., Schmidt, G. D., Axon, D. J., Robinson, A., Sparks, W., & Tadhunter, C. 2009, "High Accuracy Imaging Polarimetry with NICMOS", *Publication of the Astronomical Society of the Pacific*, **121**, 153
- 58R. Cortes. S. R., Meyer, M. R., Carpenter, J. M., Pascucci, I., Wong, T., **Schneider, G.**, Hines, D. C., & Silverstone, M. 2009, "Grain Growth and Global Structure in Protoplanetary Disks Associated with the Mature Classical T Tauri the Unusual T Tauri Star PDS 66", *Astrophysical Journal*, **697**, 1305
- 59R. Evans, A. S., Hines, D. C., Barthel, P., **Schneider, G.**, Surace, J. A., Sanders, D. N., Vavilkin, T., Frayer, F. T., Tacconi, L. J., & Storrie-Lombardi, L. J. 2009, "Molecular Gas and the Host Galaxy System of the z ~ 0.3 QSO PG 1700+518", *Astronomical Journal*, **138**, 262
- 60R. Grady, C. A., **Schneider, G.**, Sitko, M. L., Williger, G. M., Hamaguchi, K., Ablordeppey, K., Apai, D., Beerman, L., Carpenter, J. W., Collins, K. A., Fukagawa, M., Hammel, H. B., Henning, Th., Hines, D. C., Kimes, R., Lynch, D. R., F. Menard, Pearson, R., Russell, R. W., Silverstone, M., Smith, P., Troutman, M., Wilner, D., Woodgate, B., & Clampin M. 2009, "Revealing the Structure of a Pre-Transitional Disk: The Case of the Herbig F Star SAO 206462 (HD 135344B)", *Astrophysical Journal*, **699**, 1822
- 61R. Perrin, M. D., **Schneider, G.**, Duchene, G., Pinte, C., Grady, C. A., & Hines, D. C. 2009, "The Case of AB Aurigae's Disk in Polarized Light: Is There Truly a Gap?", *Astrophysical Journal*, **707**, L132
- 62R. Maness, H. L., Kalas, P., Peek, K. M. G., Scherer, K., Fitzgerald, M. P., Fraham, J. R., Hines, D. C., **Schneider, G.**, and Metchev, S. A. 2009, "Hubble Space Telescope Optical Imaging of the Eroding Debris Disk HD 61005", *Astrophysical Journal*, **707**, 1098
- 63R. Grady, C. A., Hamaguchi, K., **Schneider, G.**, Stecklum, B., Woodgate, B. E., McCleary, J. E., Williger, G. M., Sitko, M. L., Menard, F., Henning, Th., Brittain, S., Troutmann, M., Donehew, B. Hines, D., Wisniewski, J. P., Lynch, D. K., Russell, R. W., Rudy, R. J., Day, A. N., Shenoy, A., Wilner, D., Silverstone, M., Bouret, J-C, Meusingerm H., Clampin, M., Kim, S., Petre, R., Sahu, M., Endres, M, & Collins, K. A. 2010, "Locating the Accretion Footprint on a Herbig Ae Star: MWC 480", *Astrophysical Journal*, **719**, 1565
- 64R. Wang, Q. D., Dong, H., Cotera, A., Stolovy, S., Morris, M., Lang, C. C., Muno, M. P., **Schneider, G.**, & Calzetti, D. 2010, "HST/NICMOS Paschen-alpha Survey of the Galactic Centre: Overview", *Monthly Notices of the Royal Astronomical Society*, **402**, 895
- 65R. Pasachoff, J. M., **Schneider, G.**, & Widemann, T. 2011, "High Resolution Satellite Imaging of the 2004 Transit of Venus and Asymmetries in the Cytherian Atmosphere", *Astronomical Journal*, **141**, 112
- 66R. Dong, H., Wang, Q. D., Cotera, A., Stolovy, S., Morris, M. R., Mauerhan, J., Mills, E. A., **Schneider, G.**, Calzetti, D., & Lang, C. 2011, "Hubble Space Telescope Paschen-alpha Survey of the Galactic Center: Data Reduction and Products", *Monthly Notices of the Royal Astronomical Society*, **417**, 114.
- 67R. Ertel, S., Wolf, S., Metchev, S., **Schneider, G.**, Carpenter, J. M., Meyer, M. R., Hillenbrand, L. A., & Silverstone, M. D. 2011, "Multi-wavelength Modeling of the Spatially Resolved Debris Disk of HD 107146",

- 68R. Thalmann, C., Janson, M., Buenzli, E., Brandt, T. D., Wisniewski, J. P., Moro-Martín, A., Usuda, T., **Schneider, G.**, Carson, J., McElwain, M. W., Grady, C. A., Goto, M., Abe, L., Brandner, W., Dominik, C., Egner, S., Feldt, M., Fukue, T., Golota, T., Guyon, O., Hashimoto, J., Hayano, Y., Hayashi, M., Hayashi, S., Henning, T., Hodapp, K. W., Ishii, M., Iye, M., Kandori, R., Knapp, G. R., Kudo, T., Kusakabe, N., Kuzuhara, M., Matsuo, T., Miyama, S., Morino, J.-I., Nishimura, T., Pyo, T.-S., Serabyn, E., Suto, H., Suzuki, R., Takahashi, Y. H., Takami, M., Takato, N., Terada, H., Tomono, D., Turner, E. L., Watanabe, M., Yamada, T., Takami, H., & Tamura, M. 2011, "Images of the Extended Outer Regions of the Debris Ring around HR 4796 A", *Astronomy & Astrophysics*, **743**, 6
- 69R. Lebreton, J., Augereau, J.-C., Thi, W.-F., Roberge, A., Donaldson, J., **Schneider, G.**, Maddison, S. T., Ménard, F., Riviere-Marichalar, P., Mathews, G. S., Kamp, I., Pinte, C., Dent, W. R. F., Barrado, D., Duchêne, G., Gonzalez, J.-F., Grady, C. A., Meeus, G., Pantin, E., Williams, J. P., & Woitke, P. 2012, "An icy Kuiper-Belt around the young solar-type star HD 181327", *Astronomy & Astrophysics*, **539**, 17L
- 70R. Sitko, M. L., Amanda, N. D., Kimes, R. L., Beerman, L. C., Cameron, M., Lynch, S. K., Russell, R. W., Grady, C. A., **Schneider, G.**, Lisse, C. M., Nuth III, J. A., Cure, M., Henden A. A. 2012, "Variability of Disk Emission in Pre-Main Sequence and Related Stars. II. Variability in the Gas and Dust Emission of the Herbig Fe Star 206462", *Astrophysical Journal*, **745**, 29
- 71R. Rodigas, T. J., Hinz, P. M., Leisenring, J., Vaitheeswaran, V., Skememer, A. J., Skrutskie, M., Su, K. Y. L., Bailey, V., **Schneider, G.**, Close, L., Mannucci, F., Esposito, S., Arcidiacono, C., Pinna, E., Argomedo, J., Agapito, G., Apai, D., Bono, G., Boutsia, K., Briguglio, R., Brusa, G., Busoni, L., Cresci, G., Currie, T., Desidera, S., Eisner, J., Falomo, R., Fini, L., Follette, K., Fontana, A., Garnavich, P., Gratton, R., Green, R., Guerra, J. C., Hill, J. M., Hoffmann, W. F., Jones, T. J., Krejny, M., Kulesa, C., Males, J., Masciadri, E., Mesa, D., McCarthy, D., Meyer, M., Miller, D., Nelson, M. J., Puglisi, A., Quiros-Pacheco, F., Riccardi, A., Sani, E., Stefanini, P., Testa, V., Wilson, J., Woodward, C. E., & Xompero, M. 2012, "The Gray Needle: Large Grains in the HD 15115 Debris Disk from LBT/PISCES/Ks and LBT/LMIRcam/L' Adaptive Optics Imaging", *Astrophysical Journal*, **752**, 57
- 72R. Mechtley, M., Windhorst, R. A., Ryan, R. E., **Schneider, G.**, Cohen, S. H., Jansen, R. A., Fan, X., Hathi, N. P., Keel, W. C., Koekemoer, A. M., Röttgering, H., Scannapieco, E., Schneider, D. P., Strauss, M. A., & Yan, H. 2012, "Near-Infrared Imaging of a $z=6.42$ Quasar Host Galaxy With the Hubble Space Telescope Wide Field Camera 3", *Astrophysical Journal*, **756**, 38
- 73R. Grady, C. A., Muto, T., Hashimoto, J., Fukagawa, M., Currie, T., Biller, B., Thalmann, C., Sitko, M. L., Russell, R., Wisniewski, J., Dong, R., Kwon, J., Sai, S., Hornbeck, J., **Schneider, G.**, Hines, D., Moro Martín, A., Feldt, M., Henning, Th., Pott, J.-U., Bonnefoy, M., Bouwman, J., Lacour, S., Mueller, A., Juhász, A., Crida, A., Chauvin, G., Andrews, S., Wilner, D., Kraus, A., Dahm, S., Robitaille, T., Jang-Condell, H., Abe, L., Akiyama, E., Brandner, W., Brandt, T., Carson, J., Egner, S., Follette, K. B., Goto, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S., Hodapp, K., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G., Kudo, T., Kusakabe, N., Kuzuhara, M., Mayama, S., McElwain, M., Matsuo, T., Miyama, S., Morino, J.-I., Nishimura, T., Pyo, T.-S., Serabyn, G., Suto, H., Suzuki, R., Takami, M., Takato, N., Terada, H., Tomono, D., Turner, E., Watanabe, M., Yamada, T., Takami, H., Usuda, T., & Tamura, M. 2013, "Spiral Arms in the Asymmetrically Illuminated Disk of MWC 758 and Constraints on Giant Planets", *Astrophysical Journal*, **762**, 48
- 74R. Mulders, G. D., Min, M., Dominik, C., Debes, J. H., & **Schneider, G.** 2012, "Why circumstellar disks are so faint in scattered light: the case of HD 100546", *Astronomy & Astrophysics*, **549**, 112
- 75R. Debes, J. H., Jang-Condell, H., Weinberger, A. J., Roberge, A., & **Schneider, G.** 2013, "The 0.5-2.2 micron Scattered Light Spectrum of the Disk Around TW Hya: Detection of a Partially Filled Disk Gap at 80 AU", *Astrophysical Journal*, **771**, 45
- 76R. Simpson, J. P., Whitney, B. A., Hines, D. C., **Schneider, G.**, Burton, M. G., Colgan, S. W. J., Cotera, A. S., Erikson, E. F., & Wolf, M. J. 2013, "Aligned Grains and Inferred Toroidal Magnetic Fields in the Envelopes of Massive Young Stellar Objects", *Monthly Notices of the Royal Astronomical Society*, **435**, 3419
- 77R. Soummer, R., Perrin, M. D., Pueyo, L., Choquet, É., Chen, C., Golimowski, D. A., Brendan H., J., Mittal, T., Moerchen, M., N'Diaye, M., Rajan, A., Wolff, S., Debes, J., Hines, D. C., & **Schneider, G.** 2014, "Five Debris Disks Newly Revealed in Scattered Light from the Hubble Space Telescope NICMOS Archive", *Astrophysical Journal*, **786**, 23

- 78R. Rodigas, T. J., Debes, J. H., Hinz, P. M., Mamajek, E. E., Pecaut, M. J., Currie, T., Bailey, V., Defrere, D., De Rosa, R. J., Hill, J. M., Leisenring, J., **Schneider, G.**, Skemer, A. J., Skrutskie, M., Vaitheeswaran, V., & Ward-Duong, K. 2014, "Does the Debris Disk around HD 32297 Contain Cometary Grains?", *Astrophysical Journal*, **783**, 21
- 79R. Stark, C. C., **Schneider, G.**, Weinberger, A. J., Debes, J. H., Grady, C. A., Jang-Condell, H., & Kuchner, M. J. 2014, "Revealing Asymmetries in the HD 191327 Debris Disk: A Recent Massive Collision or ISM Warping", *Astrophysical Journal*, **789**, 58
- 80R. **Schneider, G.**, Grady, C. A., Hines, D. C., Stark, C. C., Debes, J. H., Carson, J., Kucher, M. J., Perrin, M. D., Weinberger, A. J., Wisniewski, J. P., Silverstone, M. D., Jang-Condell, H., Henning, Th., Woodgate, B. E., Serabyn, E., Moro-Martin, A., Tamura, M., Hinz, P., & Rodigas, T. J. 2014, "Probing for Exoplanets in Dusty Debris Disks: Disk Imaging, Characterization, and Exploration with HST/STIS Multi-Roll Coronagraphy", *Astronomical Journal*, **148**, 59
- 81R. Wagner, K. R., Sitko, M. L., Grady, C. A., Whitney, B. A., Swearingen, J. R., Champney, E. H., Johnson, A. N., Werren, C., Russell, R. W., **Schneider, G.**, Momose, M., Muto, T., Inoue, A., Lauroesch, J. T., Hornbeck, J., Brown, A., Fukagawa, M., Currie, T. M., Wisniewski, J. P., & Woodgate, B. E. 2015, "Variability of Disk Emission in Pre-Main Sequence and Related Stars. III. Exploring Structural Changes in the Pre-transitional Disk in HD 169142", *Astrophysical Journal*, **798**, 94
- 82R. Rodigas, T. J., Stark, C. C., Weinberger, A., Debes, J. H., Hinz, P. M., Close, L., Chen, C., Smith, P. S., Males, J. R., Skemer, A. J., Puglisi, A., Follette, K. B., Morzinski, K., Wu, Y-L, Briguglio, R., Esposito, S., Pinna, E., Riccardi, A., **Schneider, G.**, & Xompero, M. 2015, "On the Morphology and Chemical Composition of the HR 4796A Debris Disk", *Astrophysical Journal*, **798**, 96
- 83R. Apai, D., **Schneider, G.**, Grady, C. A., Wyatt, M. C., Lagrange, A-M, Kuchner, M. J., Stark, C. J., & Lubow, S. H. 2015, "The Inner Disk Structure, Disk-Planet Interactions, and Temporal Evolution in the β Pictoris System: A Two-epoch HST/STIS Coronagraphic Study", *Astrophysical Journal*, **800**, 136
- 84R. Boccaletti, A., Thalmann, C., Lagrange, A-M, Janson, M., Augereau, J-C, **Schneider, G.**, Milli, J., Grady, C., Debes, J., Langlois, M., Mouillet, D., Henning, T., Dominik, C., Maire, A-L, Beuzit, J-L, Carson, J., Dohlen, K., Engler, N., Feldt, M., Fusco, T., Ginski, C., Girard, J. H., Hines, D., Kasper, M., Mawet, D., Ménard, F., Meyer, M. R., Moutou, C., Olofsson, J., Rodigas, T., Sauvage, J-F, Schlieder, J., Schmid, H. M., Turatto, M., Udry, S., Vakili, F., Vigan, A., Zahed, W., & Wisniewski, J. 2015, "Fast-moving features in the debris disk around AU Microscopii", *Nature*, **526**, 230
- 85R. Karalidi, T., Apai, D., **Schneider, G.**, Hanson, J. R., & Pasachoff, J. M. 2015, "Aeolus: A Markov Chain Monte Carlo Code for Mapping Ultracool Atmospheres. An Application on Jupiter and Brown Dwarf HST Light Curves", *Astrophysical Journal*, **814**, 65
- 86R. Choquet, E., Perrin, M. D., Chen, C. H., Soummer, R. Pueyo, L., Hagan, J. B., Gofas-Salas, E., Rajan, A., Golimowski, D. A., Hines, D. C., **Schneider, G.**, Mazoyer, J., Augereau, J-C, Debes, J., Stark, C. C., Wolff, S., N'Diaye, M., & Hsiao, K. 2015 "First images of debris disks around TWA 7, TWA 25, HD 35650, and HD 377", *Astrophysical Journal*, **817**, L2
- 87R. Zhou, Y., Apai, D., **Schneider, G.**, Marley, M. S., & Showman, A. P. 2016, "Discovery of Rotational Modulations in the Planetary-Mass Companion 2M1207b: Intermediate Rotation Period and Heterogeneous Clouds in a Low Gravity Atmosphere", *Astrophysical Journal*, **818**, 176
- 88R. Konishi, M., Grady, C. A., **Schneider, G.**, Shibai, H., McElwain, M., Nesvold, E., Kuchner, M. J., Carson, J., Debes, J., Gaspar, A., Henning, T., Hines, D. C., Hinz, P., Jang-Condell, H., Moro-Martin, A., Perrin, M. D., Rodigas, T. J., Serabyn, J., Silverstone, M., Stark, C., Tamura, M., Weinberger, A. J., & Wisniewski, J. 2016, "Discovery of an Inner Disk Component around HD 141569A", *Astrophysical Journal*, **818**, L23
- 89R. Debes, J., Jang-Condell, H., & **Schneider, G.** 2016, "The Inner Structure of the TW Hya Disk as Revealed in Scattered Light", *Astrophysical Journal*, **819**, L1
- 90R. Wolff, S. G., Perrin, M., Millar-Blanchaer, M. A., Nielsen, E. L., Wang, L., Cardwell, A., Chilcote, J., Dong, R., Draper, Z. H., Duchêne, G., Fitzgerald, M. P., Goodsell, S. J., Grady, C. A., Graham, R. J., Greenbaum, A. Z., Hartung, M., Hiben, P., Hines, D. C., Hung, L.-W., Kalas, P., Macintosh, B., Marchis, F., Marois, C., Pueyo, L., Rantakyro, F. T., **Schneider, G.**, Sivaramakrishnan, A., & Wiktorowicz, S. J. 2016, "The PDS 66 Circumstellar Disk as seen in Polarized Light with the Gemini Planet Imager", *Astrophysical Journal*, **818**, L15

- 91R. **Schneider, G.**, & Hines, D. C. 2016, "Detection and Characterization of Circumstellar Material with a WFIRST or EXO-C Coronagraphic Instrument: Simulations and Observational Methods", *Journal of Astronomical Telescopes, Instruments, and Systems*, **2(1)**, 011022
- 92R. Sirbu, D., Thomas, S. J., Belikov, R., Lozi, J., Bendek, E., Pluzhnik, E., Lynch, D. H., Hix, T., Zell, P., Guyon, O., & **Schneider, G.** 2016, "Demonstration of broadband contrast at $1.2\lambda/D$ and greater for the EXCEDE starlight suppression system", *Journal of Astronomical Telescopes, Instruments, and Systems*, **2(2)**, 025002
- 94R. **Schneider, G.**, Grady, C. A., Stark, C. C., Gaspar, A., Carson, J., Debes, J. H., Henning, T., Hines, D. C., Jang-Condell, H., Kuchner, M. J., Perrin, M., Rodigas, T. J., Tamura, M., & Wisniewski, J. P. 2016, "Deep HST/STIS Visible-Light Imaging of Debris Systems around Solar Analog Hosts", *Astronomical Journal*, **152**, 64
- 95R. Hornbeck, J. N., Swearingen, J. R., Grady, C. A., Williger, G. M., Brown, A., Sitko, M. L., Wisniewski, J. P., Perrin, M. D., Lauroesch, J. T., **Schneider, G.**, Apai, D., Brittain, S., Brown, J. M., Champney, E. H., Hamaguchi, K., Henning, T., Lynch, D. K., Petre, R., Russell, R., Walter, F., & Woodgate, B. 2016, "Panchromatic Imaging of a Transitional Disk: The Disk of GM Aur in Optical and FUV Scattered Light", *Astrophysical Journal*, **829**, 65
- 96R. Marino, S., Matrà, L., Stark, C., Wyatt, M. C., Casassus, S., Kennedy, G., Rodriguez, D., Zuckerman, B., Perez, S., Dent, W. R. F., Kuchner, M., Hughes, A. M., **Schneider, G.**, Steele, A., Roberge, A., Donaldson, J., & Nesvold E. 2016, "Exocometary Gas in the HD 181327 Debris Ring", *Monthly Notices of the Royal Astronomical Society*, **460**, 2933
- 97R. Lew, B. W. P., Apai, D., Zhou, Y., **Schneider, G.**, Burgasser, Adam J., Karalidi, T., Yang, H., Marley, Mark S., Cowan, N. B., Bedin, L. R., Metchev, S. A., Radigan, J., & Lowrance, P. J. 2016, "Cloud Atlas: Discovery of Patchy Clouds and High-amplitude Rotational Modulations in a Young, Extremely Red L-type Brown Dwarf", *Astrophysical Journal*, **829**, L32
- 98R. Lomax, J. R., Wisniewski, J. P., Grady, C. A., McElwain, M. W., Hashimoto, J., Kudo, T., Kusakabe, N., Okamoto, Y. K., Fukagawa, M., Abe, L., Brandner, W., Brandt, T. D., Carson, J. C., Currie, T. M., Egner, S., Feldt, M., Goto, M., Guyon, O., Hayano, Y., Hayashi, M., Hayashi, S. S., Henning, T., Hodapp, K. W., Inoue, A., Ishii, M., Iye, M., Janson, M., Kandori, R., Knapp, G. R., Kuzuhara, M., Kwon, J., Matsuo, T., Mayama, S., Miyama, S., Momose, Munetake, Morino, Jun-Ichi, Moro-Martin, Amaya, Nishimura, Tetsuo, Pyo, Tae-Soo, **Schneider, G.**, Serabyn, E., Sitko, M. L., Suenaga, T., Suto, H., Suzuki, R., Takahashi, Y. H., Takami, M., Takato, N., Terada, H., Thalmann, C., Tomono, D., Turner, E. L., Watanabe, M., Yamada, T., Takami, H., Usuda, T., & Tamura, M. 2016, "Constraining the Movement of the Spiral Features and the Locations of Planetary Bodies within the AB Aur System", *Astrophysical Journal*, **828**, 2
- 99R. Choquet, E., Milli, J., Wahhaj, Z., Soummer, R., Roberge, A., Augereau, J.-C., Booth, M., Absil, O., Boccaletti, A., Chen, C. H., Debes, J. H., del Burgo, C., Dent, W. R. F., Ertel, S., Girard, J. H., Gofas-Salas, E., Golimowski, D. A., Gómez González, C. A., Hagan, J. B., Hibon, P., Hines, D. C., Kennedy, G. M., Lagrange, A.-M., Matrà, L., Mawet, D., Mouillet, D., N'Diaye, M., Perrin, M. D., Pinte, C., Pueyo, L., Rajan, A., **Schneider, G.**, & Wolff, S. 2017, "First Scattered-Light Images of the Gas-rich Debris Disk around 49 Ceti", *Astrophysical Journal*, **834**, L12
- 100R. Debes, J. H., Poteet, C. A., Jang-Condell, H., Gaspar, A., Hines, D., Kastner, J., Puyeo, L., Rapson, V., Roberge, A., **Schneider, G.**, & Weinberger, A. 2017, "Chasing Shadows: Rotation of the Azimuthal Asymmetry in the TW Hya Disk", *Astrophysical Journal*, **835**, 205
- 101R. Pasachoff, J., M. Gärken, B., & **Schneider, G.** 2017, "Using the 2016 transit of Mercury to Find the Distance to the Sun", *The Physics Teacher*, **55**, 137
- 102R. Zhou, Y., Apai, D., Low, B. W. P., & **Schneider, G.** 2017, "A Physically Motivated Model of Charge Traps in the Hubble Space Telescope's Wide Field Camera 3 Near-IR Detector and its Applications to Transiting Exoplanets and Brown Dwarfs", *Astrophysical Journal*, **153**, 243
- 103R. Manjavacas, E., Apai, D., Zhou, Y., Karalidi, T., Lew, Ben W. P., **Schneider, G.**, Cowan, N., Metchev, S., Miles-Paez, P. A., Burgasser, A. J., Radigan, J., Bedin, L. R., Lowrance, P. J., & Marley, M. S. 2018, "Cloud Atlas: Discovery of Rotational Spectral Modulations in a Low-mass, L-type Brown Dwarf Companion to a Star", *Astronomical Journal*, **155**, 11

- 104R. **Schneider, G.**, Debes, J. H., Grady, C. A., Gaspar, A., Hines, D. C., Kuchner, M. J., Perrin, M., & Wisniewski, J. P. 2018, "The HR 4796A Debris Sytem: Discovery of Extensive Exo-Ring Dust Material", *Astronomical Journal*, **155**, 77
- 105R. Choquet, É., Bryden, G., Perrin, M. D., Soummer, R., Augereau, J.-C., Chen, C. H., Debes, J. H., Gofas-Salas, E., Hagan, J. B., Hines, D. C., Mawet, D., Morales, F., Pueyo, L., Rajan, A., Ren, B., **Schneider, G.**, Stark, C. C., & Wolff, S. 2018, "HD 104680 and HD 192757: Two Debris Disks Newly Imaged in Scattered-Light with HST", *Astrophysical Journal*, **854**, 53
- 106R. Zhou, Y., Apai, D., Metchev, S., Lew, B. W. P., **Schneider, G.**, Marley, M. S., Karalidi, T., Manjavacas, E., Bedin, L. R., Cowan, N. B., Miles-Paez, P. A., Lowrance, P. J., Radigan, J., & Burgasser, A. J. 2018, "Cloud Atlas: Rotational Modulations in the L/T Transition Brown Dwarf Companion HN Peg B", *Astronomical Journal*, **155**, 132
- 107R. van Sluijs, L., Vaendel, D. A. J. H., Howlerda, B. W., Kenworthy, M., & **Schneider, G.** 2018, "Feasability of the debris ring transit method for the solar-like star HD 107146 by an occulted galaxy", *Monthly Notices of the Royal Astronomical Society*, **480**, 914
- 108R. Ren, B., Dong, R., Esposito, T. M., Pueyo, L., Debes, J. H., Poteet, C. A., Choquet, É., Benisty, M., Chiang, E., Grady, C. A., Hines, D. C., **Schneider, G.**, & Soummer, R. 2018, "A Decade of MWC 758 Disk Images: Where Are the Spiral-arm-driving Planets?", *Astrophysical Journal*, **857**, 9
- 109R. Boccaletti, A., Sezestre, E., Lagrange, A.-M., Thébault, P., Gratton, R., Langlois, M., Thalmann, C., Janson, M., Delorme, P., Augereau, J.-C., **Schneider, G.**, Milli, J., Grady, C., Debes, J., Kral, Q., Olofsson, J., Carson, J., Maire, A. L., Henning, T., Wisniewski, J., Schlieder, J., Dominik, C., Desidera, S., Ginski, C., Hines, D., Ménard, F., Mouillet, D., Pawellek, N., Vigan, A., Lagadec, E., Avenhaus, H., Beuzit, J.-L., Biller, B., Bonavita, M., Bonnefoy, M., Brandner, W., Cantalloube, F., Chauvin, G., Cheetham, A., Cudel, M., Gry, C., Daemgen, S., Feldt, M., Galicher, R., Girard, J., Hagelberg, J., Janin-Potiron, P., Kasper, M., Coroller, Le, M., Mesa, D., Peretti, S., Perrot, C., Samland, M., Sissa, E., Wildi, F., Zurlo, A., Rochat, S., Stadler, E., Gluck, L., Origné, A., Llored, M., Baudoz, P., Rousset, G., & Martinez, P. 2018, "Observations of fast-moving features in the debris disk of AU Mic on a three-year timescale: Confirmation and new discoveries", *Astronomy & Astrophysics*, **614**, 52
- 110R. Poteet, C. A., Chen, C. H., Hines, D. C., Perrin, M. D., Debes, J. H., Pueyo, L., **Schneider, G.**, Mazoyer, J., & Kolokolova, L. 2018, "Space-based Coronagraphic Imaging Polarimetry of the TW Hydrae Disk: Shedding New Light on Self-shadowing Effects", *Astrophysical Journal*, **860**, 115
- 111R. MacGregor, M. A., Weinberger, A. J.; Hughes, A. M., Wilner, D. J., Currie, T., Debes, J. H., Donaldson, J. K., Redfield, S., Roberge, A., & **Schneider, G.** 2018, "ALMA Detection of Extended Millimeter Halos in the HD 32297 and HD 61005 Debris Disks", *Astrophysical Journal*, **869**, 75
- 112R. Manjavacas, E., Apai, D., Zhou, Y., Lew, B. E. P., **Schneider, G.**, Metchev, S., Miles-Paez, P. A., Radigan, J., Marley, M. S., Cowan, N., Karalidi, T., Burgasser, A. J., Bedin, L. R., Lowrance, P. J., & Kauffman, P. 2019, "Cloud Atlas: Hubble Space Telescope Near-Infrared Spectral Library of Brown Dwarfs, Planetary-Mass Companions, and Hot Jupiters", *Astronomical Journal*, **157**, 101
- 113R. Zhou, Y., Apai, D., Lew, B. W. P., **Schneider, G.**, Bedin, L. R., Manjavacas, E., Coean, N., B., Karalidi, T., & Lowrance, P. J. 2019, "Cloud Atlas: High-Contrast Time-Resolved Observations of Planetary-Mass Companions", *Astrophysical Journal*, **157**, 128.
- 114R. Manjavacas, E., Apai, D., Lew, B., Zhou, Y., **Schneider, G.**, Burgasser, A., Karalidi, T., Miles Paez, P. A., Lowrance, P. J., Cowan, N., Bedin, L., Marley, M., Metchev, S., & Radigan, J. 2019, "Cloud Atlas: Rotational Spectral Modulations and Potential Sulfide Clouds in the Planetary-Mass, the Late T-Type Companion ROSS 458C", *Astrophysical Journal*, **875**, 15
- 115R. Debes, J. H., Ren, B., & **Schneider, G.** 2019, "Pushing the Limits of the Coronagraphic Occulters on Hubble Space Telescope/Space Telescope Imaging Spectrograph", *Journal of Astronomical Telescopes, Instruments, and Systems*, 5(3), 035003
- 116R. MacGregor, M. A., Weinberger, Nesvold, E. R., Huges, M., Wilner, D. J., Currie, T., Debes, J. H., Donaldson, J. K., Redfield, S., Roberge, A., & **Schneider, G.** 2019, "Multiple Rings of Millimeter Dust Emission in the HD 15115 Debris Disk", *Astrophysical Journal*, **887**, 32

- 117R. Apai, D., Milster, D., Kim, D. W., Bixel, A., **Schneider, G.**, Liang, R., & Arenberg, J. 2019, "A Thousand Earths: A Very Large Aperture, Ultralight Space Telescope Array for Atmospheric Biosignature Surveys", *Astronomical Journal*, **158**, 83.
- 118R. Wisniewski, J. P., Kowalski, A. F., Davenport, James R. A., **Schneider, G.**, Grady, C. A., Hebb, L., Lawson, K. D., Augereau, J.-C., Boccaletti, A., Brown, A., Debes, J. H., Gaspar, A., Henning, T. K., Hines, D. C., Kuchner, M. J., Lagrange, A.-., Milli, J., Sezestre, E., Stark, C. C., Thalmann, C. 2019, "High-fidelity Imaging of the Inner AU Mic Denris Disk: Evidence of Differential Wind Sculpting", *Astrophysical Journal*, **883**, L8
- 119R. Ren, B., Choquet, É., Perrin, M. D., Duchêne, G., Debes, J. H., Pueyo, L., Rice, M., Chen, C., **Schneider, G.**, Esposito, T. M., Poteet, C. A., Wang, J. J., Ammons, S. M., Ansdell, M., Arriaga, P., Bailey, V. P., Barman, T., Sebastián Bruzzone, J., Bulger, J., Chilcote, J. Cotten, T., De Rosa, R. J., Doyon, R., Fitzgerald, M. P., Follette, K. B., Goodsell, S. J., Gerard, L., Graham, J. R., Greenbaum, A. Z., Hagan, J. B. , Hibon, P., Hines, D. C., H., Li-Wei, Ingraham, P., Kalas, P., Konopacky, Q., Larkin, J. E., Macintosh, B., Maire, J. Marchis, F., Marois, C., Mazoyer, J., Ménard, F., Metchev, S., Millar-Blanchaer, M. A., Mittal, T., Moerchen, M., Nielsen, E. L., N'Diaye, M., Oppenheimer, R., Palmer, D., Patience, J. , Pinte, C., Poyneer, L., Rajan, A., Rameau, J., Rantakyö, F. T., Ruffio, J.-B., Ryan, D., Savransky, D., Schneider, A. C., Sivaramakrishnan, A., Song, Inseok, S., Rémi, Stark, C., Thomas, S., Vigan, A., Wallace, J. K., Ward-Duong, K., Wiktorowicz, S., Wolff, S., Ygouf, M., Norman, C. 2019, "An Exo-Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light", *Astrophysical Journal*, **882**, 64.
- 120R. Miles-Páez, P. A., Metchev, S., Apai, D., Zhou, Y., Manjavacas, E., Karalidi, T., Lew, B. W. P., Burgasser, A. J., Bedin, L. R., Cowan, N., Lowrance, P. J., Marley, M. S., Radigan, J., **Schneider, G.** 2019, "Cloud Atlas: Variability in and out of the Water Band in the Planetary-mass HD 203030B Points to Cloud Sedimentation in Low-gravity L Dwarfs", *Astrophysical Journal*, 883, 181
- 121R. Blunt, S., Endl, M., Weiss, Lauren M., Cochran, W. D., Howard, A. W., MacQueen, P. J., Fulton, B. J., Henry, G. W., Johnson, M. C., Kosiarek, M. R., Lawson, K. D., Macintosh, B., Mills, S. M., Nielsen, E. L., Petigura, E. A., **Schneider, G.**, Vanderburg, A., Wisniewski, J. P., Wittenmyer, R. A., Brugamyer, E., Caldwell, C., Cochran, A., Robertson, P., Roy, A., Shen, Z. 2019, "Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au", *Astronomical Journal*, **158**, 181
- 122R. Grady, C., Wisniewski, J., **Schneider, G.**, Boccaletti, A., Gaspar, A., Debes, J. H., Hines, D. C., Stark, C. C., Lagrange, A.-M., Thalmann, C., Augereau, Sezestre, E., C., Milli, J., Henning, T., Kuchner, M. J. 2002, "The Eroding Disk of AU Mic ", *Astrophysical Journal*, **889**, L21.
123. Lew, B. W. P., Apai, D., Zhou, Y., Radigan, J., Marley, M., **Schneider, G.**, Cowan, N. B., Miles-Páez, P. A., Manjavacas, E., Karalidi, T., Bedin, L. R., Lowrance, P. J., Burgasser, A. J. 2019, "Cloud Atlas: Weak Color Modulations Due to Rotation in the Planetary-mass Companion GU Psc b and 11 Other Brown Dwarfs", *Astronomical Journal*, accepted.
- 124R. Zhou. Y., Apai, D., Bedin, L. R., Lew, B. W. P., **Schneider, G.**, Burgasser, A. J., Manjavacas, E., Karalidi, T., Metchev, S., Miles-Perez, P. A., Cowan, N. B., Lowrance, P., Radigan, J. 2020, "Cloud Atlas: High-precision HAST/WFC3/IR Time-Resolved Observations of Directly-Imaged Exoplanet HD 106906b". *Astronomical Journal*, accepted.
- 125R. Pasachoff, J., M., Kopp, G. A., & **Schneider, G.** 2019, "Total Solar Irradiance at 21st-century Transits of Venus and Mercury: Exoplanet Detection Analogues", *Solar Physics*, submitted.
- 126R. Können, G. P., **Schneider, G.**, Zucker, E. H., & Latinen, P. 2019, "Subsuns and Rainbows During Solar Eclipses", *Applied Optics*, submitted.

Conference Proceedings (69)

- 1P. Chen, K-Y, Esper, J., McNeill, J. D., Oliver, J. P., **Schneider, G.**, & Wood, F. B. 1986, "An Automated South Pole Stellar Telescope", in *Instrumentation and Research Programmes for Small Telescopes*, ed. J. B. Hearnshaw and P. L. Cottrell, (Dordrecht:Reidel), *International Astronomical Union Symposium*, **118**, 83
- 2P. **Schneider, G.**, Paluzzi, P., & 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., and **Schneider, G.** 1993, "On-orbit Management of Contaminants within the HST Wide Field

- Planetary Camera and Their Effect on Instrument Performance", in *Space Astronomical Telescopes and Instrumentation II., at OE/Aerospace and Sensing '93*, SPIE Proceedings Series, **1945**, 340
- 4P. Fitch, J., & **Schneider, G.** 1993, "Serendipitous Background Monitoring of the Hubble Space Telescope's Faint Object Spectrograph", in *Space Astronomical Telescopes and Instrumentation II., at OE/Aerospace and Sensing '93*, SPIE Proceedings Series, **1945**, 214
- 5P. Stobie, B., **Schneider, G.**, & Bushouse, H. 1995, "NICMOS Calibration Pipeline", in *Calibrating Hubble Space Telescope: Post Servicing Mission* (STScI: Baltimore), 416
- 6P. Bushouse, H., Mackenty, J., Skinner, C., Axon, D., Stobie, E., & **Schneider, G.** 1996, "NICMOS Calibration Pipeline - A Collaborative Project Between IDT and STScI", in *Astronomical Data Analysis Software and Systems V*, ASP 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", in *Space Telescopes and Instrumentation V., at Astronomical Telescopes and Instrumentation*, SPIE Proceedings Series, 3356, 222
- 8P. Thompson, R. I., & **Schneider, G.** 1998, "NICMOS performance on the Hubble Space Telescope", in *Space Telescopes and Instrumentation V., at Astronomical Telescopes and Instrumentation*, SPIE Proceedings Series, **3356**, 215
- 9P. **Schneider, G.** 1998, "NICMOS Coronagraphic Surveys, Preliminary Results", in *NICMOS and the VLT: A New Era of High Resolution Near Infrared Imaging and Spectroscopy* (ESO:Garching), 88
- 10P. Lowrance, P.J., Becklin, 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", in *NICMOS and the VLT: A New Era of High Resolution Near Infrared Imaging and Spectroscopy* (ESO:Garching), 96
- 11P. Corbin, M. R., Thompson, R. I, O'Neil, E., Rieke, M., & **Schneider, G.** 1999, "High Redshift Galaxies and QSOs in the NICMOS Parallel Fields" in *Photometric Redshifts and the Detection of High Redshift Galaxies*, 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., & Jannuzi, B. 1999, "NICMOS Imaging of Damped Ly- α Absorber at $z=2$ " in *The Hy-Redshift Universe: Galaxy Formation and Evolution at High Redshift*, 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", in *Chemical Evolution from Zero to High Redshift*, (Berlin: Springer-Verlag), 262
- 14P. **Schneider, G.**, Becklin E. E., Lowrance, P., Smith, B. A., & the NICMOS IDT/EONS and HST GO/8176 Teams. 2000, "Substellar Companions to Nearby Stars from NICMOS Surveys" in , ASP Conference Series, **219**, 499
- 15P. Weinberger, A. J., Becklin E. E., & **Schneider, G.** 2000, "NICMOS Imaging of Dusty Circumstellar Disks", in *Disks, Planets and Planetesimals*, ASP Conference Series, **219**, 329
- 16P. **Schneider, G.**, & the NICMOS IDT/EONS Team. 2000, "NICMOS Imaging of Candidate Extra-Solar Planetary Systems", in *A Decade of HST Science* (STScI: Baltimore), 81
- 17P. Schultz, A. B., Hart, H. M., Kochte, M., Bruhweilwer, 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., & Hines, D. C. 2001, "Imaging and Spectroscopy of Hot (Young) 'Ultracool' Companions", in *Ultracool Dwarfs - New Spectral Types L and T*, (Springer-Verlag: Berlin), eds., H. R. A. Jones & I. A. Steele, 56
- 19P. **Schneider, G.**, Hines, D. C., Silverstone, M., & Weinberger, A. J. 2000, "A Comparative Anatomy of Dusty Disks Imaged by NICMOS", in *Planetary Systems in the Universe: Formation and Evolution*, eds. A. J. Penny, P. Artimowics, A. M. Lagrange, ASP Conference Series, **244**, 75
- 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?", in *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.**, & 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.**, & the NICMOS/EONS and GTO/8624 Teams. 2001, "HST Observations of Dusty Disks in the TW Hya Association", in *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", in *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", in *Astronomical Data Analysis Software and Systems XI*, eds. D. A. Bohlender, D. Durand & T. H. Handley, ASP Conference Series, **281**, 382
- 26P. **Schneider, G.** 2002, "Coronagraphy with NICMOS", in *The 2002 HST Calibration Workshop*, eds. S. Arribas, A. Koekemoer, and B. Whitmore, (STScI, Baltimore), 249
- 27P. **Schneider, G.**, & Silverstone, M. 2003, "Coronagraphy with HST/NICMOS: Detectability is a Sensitive Issue", in *High-Contrast Imaging for Exo-Planet Detection*, eds. A. B. Schultz & R. G. Lyon, SPIE Proceedings Series, **4860**, 1
- 28P. **Schneider, G.** 2003, "High Contrast Imaging and the Disk/Planet Connection" in *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., & **Schneider, G.** 2003, "The HST Legacy and Future for High Contrast Imaging of Disks and Outflows from Young Stars", in *Hubble's Science Legacy: Future Optical-UV Astronomy From Space*, ed. C. Blades, ASP Conference Series, **291**, 375
- 30P. Weinberger, A. J., Becklin, E. E., & **Schneider, G.** 2003, "Young Stellar Disks as the Sites of Planetary Evolution", in *Scientific Frontiers in Extrasolar Planets*, ed. D. Deming and S. Seager, ASP Conference Series, 253
- 31P. **Schneider, G.** 2004, "Highlights from HST-NICMOS", in *Advances in Space Research (COSPAR: Houston)*, **34**, 542
- 32P. **Schneider, G.** 2004, "High Contrast/High Resolution Scattered Light Imaging of Circumstellar Disks", in *Dust Disks and the Formation, Evolution, and Detection of Habitable Planets (JPL: Pasadena)*, CL#04-0314
- 33P. **Schneider, G.** 2004, "EFLIGHT2003 - the Umbra on Ice from 35,000 ft", in *2nd International Solar Eclipse Conference Proceedings*, ed. A. White (Milton Keynes, UK)
- 34P. Pasachoff, J. M., **Schneider, G.**, & Golub, L. 2005, "The Black-Drop Effect Explained", in *Transits of Venus: New Views of the Solar System and Galaxy*, ed. D. W. Kurtz & G. S. Bromage, IAU Coll. Ser., **196**, 242
- 35P. Hines, D. C., Low, F. J., **Schneider, G.**, Chandler, C. J., Plait, P., & Smith, P. S. 2004, "The Planetary Debris System in HD 98800", in *Debris Disks and the Formation of Planets*, ed. L. Caroff, L. J. Moon, D. Backman & E. Praton, ASP Conference Series, **324**, 262
- 36P. **Schneider, G.**, Cotera, A. S., Silverstone, M. D., & Weinberger, A. J. 2004, "HST Imaging of Circumstellar Disks", in *Debris Disks and the Formation of Planets*, ed. D. Bachman, ASP Conf Series, **324**, 247
- 37P. **Schneider, G.**, Song, I., Farihi, J., Zuckerman, B., Becklin, E., Lowrance, P., Macintosh, B., & Bessell, M. 2005, "Searching for, Finding, and Imaging Young Extrasolar Planets with HST/NICMOS", in *A Decade of Extrasolar Planets*", ed. M. Livio, K. Sahu & J. Valenti, (STScI: Baltimore), 59

- 38P. **Schneider, G.**, Pasachoff, J. M., & Golub, L. 2005, "Space Studies of the Black-Drop Effect at a Mercury Transit", in *Highlights of Astronomy* (IAU:Sydney), ed. O. Engvold, **13**, 70
- 39P. Hines, D. C., & **Schneider, G.** 2005, "Polarimetry with NICMOS", in *The 2005 HST Calibration Workshop*, eds. A. M. Koekemoer, P. Goudfrooij, and L. L. Dressel, (STScI: Baltimore), 153
- 40P. **Schneider, G.** 2006, "There (70 deg. S @ 10,177 m) and Back Again: An Umbraphile's Tale", in *Astronomical Data Analysis Software & Systems XV*, eds. C. Gabriel, C. Arviset, D. Ponz & E. Solano, *ASP Conf Series*, **351**, 35
- 41P. Guyon, O. P., Angel, J. R. P., Backman, D., Belikov, R., Gavel, D., Giveon, A., Greene, Th., Kasdin, J., Kasting, J., Levine, M., Marley, M., Meyer, M., **Schneider, G.**, Serabyn, G., Shaklan, S., Shao, M., Tamura, M., Tenerelli, D., Traub, W., Trauger, J., Vanderbei, R., Woodruff, R. A., Woolf, N. J., & Wynn, J. 2008, "Pupil-mapping Exoplanet Coronagraphic Observer (PECO)", in *Space Telescopes and Instrumentation 2008: Optical, Infrared, and Millimeter*, eds. J. M. Oschmann, Jr., M. W. M. de Graauw, H.A. MacEwen, SPIE Proc. Ser., **7010**, Y-1
- 42P. Grady, C. A., **Schneider, G.**, Sitko, M. L., Williger, G. M., Hamaguchi, K., Brittain, S. D., Ablordeppey, K., Apai, D., Beerman, L., Carpenter, W. J., Collins, K. A., Hammel, H. B., Henning, Th., Hines, D., Kimes, R., Lynch, D. K., Pearson, R., Russell, R. W., Menard, F., Silverstone, M., Smith, P., Troutman, M., Wilnder, D., & Woodgate, B. 2009, "The Disk and Environment of a Young Altair Analog: SAO 206462", in *Cool Stars, Stellar Systems, and the Sun*, AIP Conference Series, **1094**, 385.
- 43P. Cortes, S. R., Meyer, M. R., Carpenter, J. M., Pascucci, I., **Schneider, G.**, Wong, T., & Hines, D. C. 2009, "Grain Growth and Global Structure of the Protoplanetary Disk Associated with the Mature Classical T Tauri Star, PDS 66", in *Exoplanets and Disks: Their Formation and Diversity*, eds. T. Usuda, M. Ishii, and M. Tamura, AIP Conference Series, **1158**, 119
- 44P. Perrin, M. D., Duchene, G., Graham, J. R., Hines, D., Maness, H. L., Francois, M., Pinte, C., & **Schneider, G.** 2009, "Investigating Circumstellar Disk Geometry and Dust Properties with Coronagraphic Polarimetry" in *Exoplanets and Disks: Their Formation and Diversity*, eds. T. Usuda, M. Ishii, and M. Tamura, AIP Conference Series, **1158**, 17
- 45P. Cahoy, K., Guyon, O., **Schneider, G.**, Marley, M., Belokov, R., Meyer, M., Ridgway, S., Traub, W., & Woolf, N. 2009, "Science performance of the Pupil-mapping Exoplanet Coronagraphic Observer (PECO)" in *Techniques and Instrumentation for Detection of Exoplanets IV*, ed. S. B. Shaklin, SPIE Conference Series, **7440**, 1
- 46P. **Schneider, G.**, HST/GO 10177, 12228, & EXCEDE Science and Mission Teams. 2010, "Scattered-Light Imaging of Protoplanetary, Transition, and Debris Disks: The Hubble Space Telescope Legacy", in Proceedings of the conference *In the Spirit of Lyot 2010: Direct Detection of Exoplanets and Circumstellar Disks*. October 25 - 29, 2010. University of Paris Diderot, Paris, France. Edited by Anthony Boccaletti
- 47P. Perrin, M. D., **Schneider, G.**, Hines, D., & HST GO/ 10847, 10852, 11155 Teams. 2010, "Coronagraphic Polarimetry of YSO and Debris Disks with HST NICMOS", in Proceedings of the conference *In the Spirit of Lyot 2010: Direct Detection of Exoplanets and Circumstellar Disks*. October 25 - 29, 2010. University of Paris Diderot, Paris, France. Edited by Anthony Boccaletti.
- 48P. Grady, C., **Schneider, G.**, Sitko, M., & HST GO/10177 Team. 2010, "The Outer Disk of the Young Solar Analog: LkCa 15", in Proceedings of the conference *In the Spirit of Lyot 2010: Direct Detection of Exoplanets and Circumstellar Disks*. October 25 - 29, 2010. University of Paris Diderot, Paris, France. Edited by Anthony Boccaletti
- 49P. Dong, H., Wang, Q. D., Cotera, A., Stolovy, S., Morris, M. R., Mauerhan, J., Mills, E. A., **Schneider, G.**, & Lang, C. 2011, "HST Paschen-Alpha Survey of the Galactic Center –Seeling the Missing Young Stellar Populations within the Galactic Center", in *The Galactic Center: A Window to the Nuclear Environment of Disk Galaxies*, eds. M. M. Morris, Q. D. Wang, and F. Yaun, ASP Conf. Ser., 439, 410
- 50P. **Schneider, G.**, Silverstone, M., Stobie, E., & Rhee, J. 2011, "HST Coronagraphy: Recalibration and the NICMOS Legacy Archive PSF Library", in *2011 HST Calibration Workshop*, eds. s. Deustra and C. Oliveira (STScI: Baltimore)
- 51P. Ertel, S., Wolf, S., Eiroa, C., Augereau, J.-C., Metchev, S., **Schneider, G.**, Silverstone, M. D., & Rodmann, J.

- 2011, "Modeling the Spatial Structure of Debris Disks", EPSC-DPS Joint Meeting 2011, held 2-7 October 2011 in Nantes, France. <http://meetings.copernicus.org/epsc-dps2011>, p.678
- 52P. Batcheldor, D., **Schneider, G.**, Hines, D. C., Schmidt, G. D., Axon, D. J., Robinson, A., Sparks, W., & Tadhunter, C. 2011, "High Accuracy Imaging Polarimetry with NICMOS", in *Astronomical Polarimetry 2008: Science from Small to Large Telescopes*. Proceedings of a Workshop held at Fairmont Le Manoir Richelieu, La Malbaie, Quebec, Canada 6-11 July 2008. Edited by Pierre Bastien, Nadine Manset, Dan P. Clemens, and Nicole St-Louis. ASP Conference Series, **449**, 44
- 53P. Ertel, S., Wolf, S., Eiroa, C., Augereau, J.-C., Metchev, S., **Schneider, G.**, Silverstone, M. D., & Rodmann, J. 2011, "Modeling the Spatial Structure of Debris Disks", EPSC-DPS Joint Meeting 2011, held 2-7 October 2011 in Nantes, France. <http://meetings.copernicus.org/epsc-dps2011>, 678
- 54P. Guyon, O., **Schneider, G.**, Belikov, R., & Tenerelli, D. J. 2012, "The EXoplanetary Circumstellar Environments and Disk Explorer (EXCEDE)", in *Space Telescopes and Instrumentation 2012: Optical, Infrared, and Millimeter Wave*. Proceedings of the SPIE, **8442**, id. 88421S
- 55P. Belikov, R., Pluzhnik, E., Witteborn, F. C., Greene, T. P., Lynch, D. H., Zell, P. T., **Schneider, G.**, Guyon, O., & Tenerelli, D. 2012, "EXCEDE technology development I: first demonstrations of high contrast at 1.2 λ/D for an Explorer space telescope mission", in *Space Telescopes and Instrumentation 2012: Optical, Infrared, and Millimeter Wave*. Proceedings of the SPIE, **8442**, id. 844309
- 56P. Thomas, S. J., Pluzhnik, E., Lozi, J., Belikov, R., Whiteborn, F., Greene, T., **Schneider, G.**, & Guyon, O. 2013, "Improving image contrast for the direct detection of exoplanets at small inner working angles", in *Techniques and Instrumentation for Detection of Exoplanets*, Proceedings of the SPIE, **8864**, id. 88640X
- 57P. Belikov, R., Bendek, E., Greene, T. P., Guyon, O., Lozi, J., Lynch, D. H., Newman, K. E., Pluzhnik, E., **Schneider, G.**, Tenerelli, D., Thomas, S. J., & Witterborne, F. C. 2013, "EXCEDE Technology Development II: demonstration of high contrast at 1.2 λ/D and preliminary broadband results", in *Techniques and Instrumentation for Detection of Exoplanets*, Proceedings of the SPIE, **8864**, id. 88640
- 58P. Lozi, J., Belikov, R., **Schneider, G.**, Guyon O., Pluzhnik, E., Thomas, S. J., & Martinache, M. 2013, "Experimental study of a low-order wavefront sensor for the high-contrast coronagraphic imager EXCEDE", in *Techniques and Instrumentation for Detection of Exoplanets*, Proceedings of the SPIE, **8864**, id. 88640
- 59P. Thomas, S., Pluzhnik, E., Lozo, J., Belikov, R., Whiteborn, F., Greene, T., **Schneider, G.**, & Guyon, O. 2013, "Improving the broadband contrast at small inner working angles using sharpning techniques", in *Proceedings of the Third AO4ELT Conference*. Firenze, Italy, May 26-31, 2013, Eds.: Simone Esposito and Luca Fini Online at <http://ao4elt3.sciencesconf.org/>, id. #79
- 60 P. Lozi, J., Belikov, R., Schneider, G., Guyon, O., Pluzhnik, E., Thomas, S., Martinache, F. 2013, "Experimental study of a low-order wavefront sensor for a high-contrast coronagraphic imager at 1.2 λ/D ", in *Proceedings of the Third AO4ELT Conference*. Firenze, Italy, May 26-31, 2013, Eds.: Simone Esposito and Luca Fini Online at <http://ao4elt3.sciencesconf.org/>, id. #66
- 61P. Perrin, M. D., Choquet, E., Chen, C., Debes, J., Golimowski, D., Hagan, J. B., Hines, D. C., Mittal, T., Moerchen, M., M'Diaye, M., Pueyo, L., Reid, N. I., **Schneider, G.**, Wolff, S., & Soummer, R. 2013, "Newly Seen Debris Disks from the HST NICMOS Archive", in *Exploring the Formation and Evolution of Planetary Systems*, Proceedings of the International Astronomical Union, **229**, 235
- 62P. Choquet, E., Hagan, J. B., Pueyo, L., Perrin, M. D., Hines, D. C., Chen, C., **Schneider, G.**, Debes, J., Golimowski, D., Reid, N., Mittal, T., Moerchen, M., N'Diaye, M., Rajan, A., Lonsdale, S., & Soummer, R. 2014, "Archival Legacy Investigation of Circumstellar Environments using KLIP algorithm on HST NICMOS coronagraphic data", in *Exploring the Formation and Evolution of Planetary Systems*, Proceedings of the International Astronomical Union, IAU Symposium, **299**, 30
- 63P. Choquet, É., Pueyo, L., Brendan H., J., Gofas-Salas, E., Rajan, A., Chen, C., Perrin, M. D., Debes, J., Golimowski, D., Hines, D. C., N'Diaye, M., **Schneider, G.**, Mawet, D., Marois, C., & Soummer, R. 2014, "Archival Legacy Investigations of Circumstellar Environments: Overview and First Results", *Proceedings of the SPIE*, **9143**, 57
- 64P. Lozi, J., Belikov, R., Thomas, S., Pluzhnik, E., Bendek, E., Guyon, O., **Schneider, G.** 2014, "Experimental study of a low-order wavefront sensor for high-contrast coronagraphic imagers: results in air and vacuum",

in *Techniques and Instrumentation for Detection of Exoplanets VII*, Proceedings of the SPIE, 9143, id. 924322

- 65P. Belikov, R., Lozi, J., Pluzhnik, E., Hix, T., Bendek, E., Thomas, S. J., Lynch, D. H., Mihara, R., Wes I. J., Duncan, A. L., Greene, T. P., Guyon, O., Kendrick, R. L., Smith, E. H., Witteborn, F. C., & **Schneider, G.** 2014. "EXCEDE Technology Development III: First Vacuum Tests", in *Proceedings of the SPIE Astronomical Telescopes and Instruments*, **9143**, id. 914323
- 66P. Bendek, E. A., Belikov, R., Lozi, J., **Schneider, G.**, Thomas, S., Pluzhnik, E., & Lynch, D. 2014, "Optomechanical design of the vacuum compatible EXCEDE's mission testbed", *Proceedings of the SPIE Astronomical Telescopes and Instruments*, **9143**, id. 91435D
- 67P. Sirbu, D., Thomas, S. J., Belikov, R., Lozi, J., Bendek, E., Pluzhnik, E., Lynch, D., Hix, T., Zell, P., Guyon, O., & **Schneider, G.** 2015, "EXCEDE Technology Development IV: Demonstration of Polychromatic Contrast in Vacuum at $1.2 \lambda/D$ ", in *Techniques and Instrumentation for Detection of Exoplanets VII*, Proceedings of the SPIE, 9605, id. 96050J
- 68P. Grady, C. A., Wisniewski, J., **Schneider, G.**, Boccaletti, A., Gaspar, A., Debes, J., Hines, D., Stark, C., Lagrange, A-M, Thalmann, C., Augereau, J. C., Milli, J., Henning, T. K., Sezestre, E., & Kuchner, M. J. 2018, "The Eroding Disk of the Young M Star AU Mic", in *The 20th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun*, id.16
- 69P. Apai, D., Milster, T. D., Kim, D. W., Bixel, A., **Schneider, G.**, Rackham, B. V., Liang, R., Arenberg, J. 2019, "Nautilus Observatory: a space telescope array based on very large aperture ultralight diffractive optical elements", in *Astronomical Optics: Design, Manufacture, and Test of Space and Ground Systems II*, *Proceedings of the SPIE*, **11116**, id. 1111608
- 70P. Pasachoff, J. M., Lockwood, C. A., Inoue, J. L., Medore, E. N., Volgaris, A., Sliski, D., Sliski, A., Reardon, K. P., SEaton, D. B., Caplan, R. M., Downs, C., Linker, K. A., Schneider, G., Rojo, P., Sterling, A. C. 2020 "Early Results from the Solar-Minimum 2019 Total Solar Eclipse" in *Solar and Stellar Magnetic Fields: Origins and Manifestations*, Proceedings of the IAU, 345, submitted.

Meeting Abstracts/Presentations (186)

- 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., & 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., & 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, QE, and Contamination in the HST Wide Field Planetary Camera", *Bulletin of the American Astronomical Society*, **23**, 1361
- 5M. Wenz, M., **Schneider, G.**, & 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. Schultz, A. B., Hart, H., Reinhard, K., Bruweiler, F., Disanti, M. A., & **Schneider, G.** 1995, "Probing the Outer Regions of the Beta Pictoris Dust Disk", *DPS Meeting 27, #38.11*, *Bulletin of the American Astronomical Society*, **27**, 1159
- 7M. **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
- 8M. Hershey, J., **Schneider, G.**, & 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

- 9M. **Schneider, G.**, Thompson, R., Rieke, M., & Mentzell, E. 1996, "The Near Infrared Camera and Multi-Object Spectrometer, Ready for Launch", *Bulletin of the American Astronomical Society*, **189**, #43.07
- 10M. **Schneider, G.** 1997, "On-Orbit Performance of the NICMOS Coronagraph", *Bulletin of the American Astronomical Society*, **25**, 1225
- 11M. Stolovy, S. R. Young, E. T., Thompson, R. I., Rieke, M. J., **Schneider, G.** Burton, M. G., Erickson, E. F. Kaufman, M. J., Colgan S. W. J., Chrysostomou, A., & Axon, D. J. 1997, "NICMOS 2-micron Continuum and H₂ Images of the Core of OMC-1", *Bulletin of the American Astronomical Society*, **25**, 1219
- 12M. Bruhweiler, F., Smith, B., Miskey, C., Silvis, J., DiSanti, M., Schultz, A., Hart, H., **Schneider, G.**, & Reinhard, K. 1997, "WFPC2/PC Imagery of the Extended Circumstellar Disk of Beta Pictoris", *Bulletin of the American Astronomical Society*, **25**, 1285
- 13M. McCarthy, D., Stolovy, S., Kern, S., **Schneider, G.**, Ferro, T., Spinrad, H., Black, J., & Smith, B. 1997, "Diffraction-limited Imaging of Comet Hale-Bopp at 1.9-2.2 microns with NICMOS/HST", *Bulletin of the American Astronomical Society*, **25**, 1320
- 14M. Kulkarni, V. P., Calzetti, D., 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., & Thompson, R. 1997, "NICMOS Continuum and Emission-line Imaging of the Seyfert Galaxy IC 5063", *Bulletin of the American Astronomical Society*, **191**, #130.10
- 15M. **Schneider, G.**, Thompson, R., Becklin, E., Smith, B., & Terrile, R. 1998, "NICMOS Coronagraphic Observations of Circumstellar Environments - Preliminary Results", *Bulletin of the American Astronomical Society*, AAS 192th Meeting, 67.17
- 16M. Dumas, C., Terrile, R. J., Burgasser, A., Brown, R., Rieke, M., **Schneider, G.**, Thompson, R., & Koerner, D. 1998, "Reflectance Spectroscopy of the Individual Members of the Pluto/Charon System: HST/NICMOS Results", *American Astronomical Society*, DPS meeting #30, #49.P08
- 17M. Kern, S., McCarthy, D. W., Stolovy, S., **Schneider, G.**, Ferro, A., & Spinrad, H. 1998, "NICMOS/HST Post-Perihelion Images of Comet Hale-Bopp in Outburst", *American Astronomical Society*, DPS meeting #30, #29.P11
- 18M. Terille, R. J., Dumas, C., Smith, B. A., Rieke, M., **Schneider, G.**, Thompson, R., Becklin, E., & Koerner, D. 1998, "First Infrared Imaging of the Neptune Ring Arcs: HST/NICMOS Results", *American Astronomical Society*, DPS meeting #30, #17.P06
- 19M. Becklin, E. E., Smith, B. A., **Schneider, G.**, Lowrance, P. J., Hines, D. C., Low, F. J., McCarthy, D. W., Rieke, M. J., Thompson, R. I., Terrile, R. J., Kirkpatrick, J. D., Koerner, D. W., Meier, R., & Zuckerman, B. 1998, "Coronagraphic Search for Substellar Companions to Young Stars with NICMOS on HST", *Bulletin of the American Astronomical Society*, AAS 193th Meeting, 31.02
- 20M. Smith, B. A., **Schneider, G.**, Becklin, E. E., Koerner, D. W., Meier, R., Terrile, R. J., Hines, D. C., Lowrance, P. J., & Thompson, R. I. 1998, "NIR Imaging of the HR4796A Circumstellar Disk", *Bulletin of the American Astronomical Society*, AAS 193th Meeting, 89.05
- 21M. **Schneider, G.**, Becklin, E. E., Smith, B. A., Terrile, R. J., Lowrance, P. J., Weinberger, A. J., Dumas, C., Koerner, D. W., Hines, D. C., Meier, R., Kirkpatrick, D., Thompson, R. I., Rieke, M., & Low, F. 1998 "Results from the NICMOS Environments of Nearby Stars Coronagraphic Imaging Programs", *Bulletin of the American Astronomical Society*, AAS 193th Meeting, 73.13
- 22M. Koerner, D. W., **Schneider, G.**, Smith, B. A., Becklin, E. E., Hines, D. C., Kirkpatrick, J. D., Lowrance, P. J., Meier, R., Rieke, M., Terrile, R. J., & Thompson, I. 1998, "NICMOS Imaging of a Circumstellar Disk around the T Tauri Star GM Aurigae", *Bulletin of the American Astronomical Society*, AAS 193th Meeting, 89.05
- 23M. Silverstone, M. D., Weinberger, A. J., Becklin, E. E., Lowrance, P. J., Zuckerman, B., Marsh, K. A., Koerner, D. W., Werner, M. W., Terrile, R. J., Smith, B. A., **Schneider, G.**, Rieke, M., & Thompson, R. I. 1998, "High-Resolution Infrared Imaging of Dust Disks Orbiting Main Sequence Stars", *Bulletin of the American Astronomical Society*, AAS 193th Meeting, 73.16
- 24M. Lowrance, P. J., McCarthy, C. M., Becklin, E. E., Zuckerman, B., **Schneider, G.**, Webb, R. A., Hines D. C., Low, F. J., Rieke, M., Thompson, R. I., Smith, B. A., Meier, R., Terrile, R. J., Kirkpatrick, J. D., & Koerner, D.

- W. 1998, "A Candidate Substellar Companion to CD-33° 7795 (TWA5)", *Bulletin of the American Astronomical Society*, AAS 193th Meeting, 73.15
- 25M. Weinberger, A. J., **Schneider, G.**, Becklin, E. E., Smith, B. A., & Hines, D. C. 1999, "NICMOS Imaging of a Circumstellar Disk About TW Hydrae", *Bulletin of the American Astronomical Society*, AAS 194th Meeting, 69.04
- 26M. Hines, D. C., Low, F. J., & **Schneider, G.** 1999, "NICMOS Observations of the Pre-Main-Sequence Planetary Debris System HD 98800", *Bulletin of the American Astronomical Society*, AAS 194th Meeting, 87.01
- 27M. Kulkarni, V. P., Hill, J. M., Weymann, R. J., Storrie-Lombardi, L. J., **Schneider, G.**, Rieke, M. J., Thompson, R. I., & Jannuzi, B. 1999, "Staring Hard at a z~2 Damped Lyman-alpha Absorber with NICMOS", *Bulletin of the American Astronomical Society*, AAS 194th Meeting, 87.01
- 28M. **Schneider, G.**, & Smith, B. A. 1999, "A Snapshot of Results from NICMOS/GTO Environments of Nearby Stars Surveys", *Gordon Research Conference on the Origin of Solar Systems*
- 29M. Smith, B. A., **Schneider, G.**, Becklin, E., Weinberger, A., Lowrance, P., Hines, D., & Terriale, R. 1999, "The Environments of Nearby Stars as Observed with NICMOS", *Bioastronomy 99: A New Era in Bioastronomy*
- 30M. Hines, D. C., Low, F. J., & **Schneider, G.** 1999, "The Planetary Debris System in HD 98800", *The Solar System and Circumstellar Dust Disks: Prospects for SIRTf*
- 31M. Weinberger, A. J., Becklin, E. E., Lowrance, P. J., Silverstone, M. D., **Schneider, G.**, Hines, D. C., Smith B., & Terriale, R. 1999, "Combining NICMOS and Mid/Far-Infrared Measurements of Circumstellar Disks", *The Solar System and Circumstellar Dust Disks: Prospects for SIRTf*
- 32M. **Schneider, G.**, Hershey, J. L., & Nelan, E. 1999, "Duplicity and Variability in HST Guide Stars - An FGS Serendipitous Survey", *Bulletin of the American Astronomical Society*, AAS 195th Meeting, 75.16.
- 33M. Kulkarni, V. P., Hill, J. M., **Schneider, G.**, Weymann, R. J., Storrie-Lombardi, L. J., Rieke, M. J., Thompson R. I., & Jannuzi, B. 1999, "NICMOS Observations of the Damped Ly-alpha Absorber toward QSO1244+3443", *Bulletin of the American Astronomical Society*, 195th Meeting, 52.06
- 34M. Low, F. J., Hines, D. C., & **Schneider, G.** 1999, "The Planetary Debris System in TWA 4 (HD 98800)", *Bulletin of the American Astronomical Society*, AAS 195th Meeting, 78.35
- 35M. Schultz, A. B., Hart, H. M., Bruhweiler, F. C., DiSanti, M. A., Miskey, C. L., Cheng, K. P., Reinhard, K., **Schneider, G.**, & Taylor, D. C. 1999, "Searching infrared excess stars for disks and substellar companions using HST/WFPC-2", *Bulletin of the American Astronomical Society*, AAS 195th Meeting, 45.04
- 36M. **Schneider, G.**, & the NICMOS/IDT EONS Team. 2000, "NICMOS Imaging of Candidate Extra-Solar Planetary Systems", *A Decade of HST Science* (STScI: Baltimore).
- 37M. 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).
- 38M. **Schneider, G.**, NICMOS IDT/EONS Team, & the STIS/8176 Team. 2000, "STIS Spectroscopy of Candidate Substellar Companions Imaged by NICMOS", *Bulletin of the American Astronomical Society*, AAS 196th Meeting, 3.04
- 39M. Vener, P. C., Brown, J., Bennum, D., Rothstein, D., Gurwell, M., Ho, P., **Schneider, G.**, Schultz, A., & Backman, D. 2000, "NICMOS Search for Circumstellar Dust and Substellar Companions around Six Nearby Main Sequence Stars", *Bulletin of the American Astronomical Society*, AAS 196th Meeting, 2.05
- 40M. **Schneider, G.**, & the NICMOS EONS Team. 2000, "A Comparative Anatomy of Dusty Disks Imaged by NICMOS", *IAU Symposium 202 on Extrasolar Planetary Systems* (Manchester, UK)
- 41M. **Schneider, G.** 2000, "Imaging and Spectroscopy of Hot (Young) 'Ultracool' Companions", 2000, *IAU Commission 45/29 Joint Discussion on Ultracool Stars* (Manchester, UK)
- 42M. Dumas, C., Terriale, R. J., Smith, B. A., **Schneider, G.**, & Becklin, E. E. 2000, "Near-Infrared Photometry and Astrometry of Neptune's Inner Satellites and Ring-Arcs", *Bulletin of the American Astronomical Society*, DPS 32nd Meeting, 42.02

- 43M. **Schneider, G.**, Becklin, E. E., Smith, B. A., Weinberger, A. J., Silverstone, M., & Hines, D. C. 2000, "NICMOS Coronagraphic Observations of 55 Cancri", *Bulletin of the American Astronomical Society*, AAS 197th Meeting, 60.03
- 44M. Lowrance, P. J., Becklin, E. E., & **Schneider, G.**, NICMOS IDT/EONS Team, & the STIS/8176 Team. 2000, "Resolving Low-Mass Companions to G-type stars - Two Stars and a Binary Brown Dwarf", *Bulletin of the American Astronomical Society*, AAS 197th Meeting, 52.03.
- 45M. Hines, D. C., Schmidt, G. D., & **Schneider, G.** 2000, "Analysis of Polarized Light with NICMOS", *Bulletin of the American Astronomical Society*, AAS 197th Meeting, 12.10.
- 46M. O'Neil, E. J., **Schneider, G.**, Ferro, A. J., Hubbard, W. P., Barg, M. I., Stobie, E. B., Thompson, R. I., Boeker, T., Holfeltz, S. T., & Petro, L. D. 2000, "NICMOS in the Cryo-Cooler Era: Expectations for On-Orbit Performance", *Bulletin of the American Astronomical Society*, AAS 197th Meeting, 12.05.
- 47M. Brown, J., Bennum, D., Rodrigue, M., Schultz, A. B., Backman, D., Vener, P., Rosenthal, E., Perriello, B., Chen, H., Ho, P. T. P., Burrows, A., **Schneider, G.**, Lisse, C., Christian, D., & Gorjian, V. 2000, "Photometric Examination of Possible Sub-Stellar Companions of HD155826 and HD68456", *Bulletin of the American Astronomical Society*, AAS 197th Meeting, 11.03
- 48M. Weinberger, A. J., Becklin, E. E., **Schneider, G.**, Silverstone, M. D., Zuckerman, B., Webb, R., & Smith, B. 2000, "Combining NICMOS Imaging and Mid-infrared Measurements of Circumstellar Disks", *Bulletin of the American Astronomical Society*, AAS 197th Meeting, 8.20
- 49M. **Schneider, G.**, Hines, D. C., Silverstone, M., Weinberger, A. J., Becklin, E. E., & Smith, B. A. 2001, "Dust to Dust: Evidence for Planet Formation?", *Astrophysical Ages and Time Scales*, eds. T. von Hippel, C. Simpson, and N. Manset, 245, 121
- 50M. **Schneider, G.**, NICMOS/EONS & GO/8624 Teams. 2001, "HST Observations of Dusty Disks in the TW Hya Association", *Conference Proceedings: Young Stars Near Earth: Progress and Prospects* (ASP Conference Series), eds. R. Jayawardhana & T. Green, 244, 203
- 51M. **Schneider, G.** 2001, "HST/STIS Imaging of the HR 4796A Debris Ring", *Bulletin of the American Astronomical Society*, AAS 198th Meeting, 83.01
- 52M. Silverstone, M. D., **Schneider, G.**, & Schultz, A. B. 2001, "NICMOS Imaging Search for a Candidate Companion to Proxima Centauri", *Bulletin of the American Astronomical Society*, AAS 198th Meeting, 77.18
- 53M. **Schneider, G.**, Becklin, E. E., Smith, B. A., Lowrance, P. J., Silverstone, M., & the NICMOS IDT/EONS Team. 2001, "A Coronagraphic Companion Survey of Nearby M-Dwarf Stars with HST/NICMOS", *Bulletin of the American Astronomical Society*, AAS 198th Meeting, 77.17
- 54M. Schultz, A. B., Hart, H. M., Kochte, M., Bruhweiler, G. F., DiSanti, M. A., Miskey, C., Cheng, K-P, Reinhard, K., & **Schneider, G.** 2001, "WFPC2 Pyramid Imaging: A Novel Technique to Image Circumstellar Disks", *Bulletin of the American Astronomical Society*, AAS 198th Meeting, 77.07.
- 55M. **Schneider, G.** 2001, "Automated Eclipse Photography with Umbraphile", Totality Day 2001 Conference (Open University, Milton Keynes, England)
- 56M. **Schneider, G.**, & Stobie, E. 2001, "Pushing the Envelope: Unleashing the Potential of High Contrast Imaging with HST", *Astronomical Data Analysis Software and Systems*, (ASP Conference Series), eds. D. A. Bohlender, D. Durand & T. H. Handley, ASP Conference Series, 281, 382
- 57M. **Schneider, G.**, Pasachoff, J., & Golub, L. 2001, "TRACE Observations of the 15 November 1999 Transit of Mercury", *Bulletin of the American Astronomical Society*, DPS 33nd Meeting, 10.02
- 58M. Dumas, C., Terrile, R., Smith, B., & **Schneider, G.** 2001, "HST-NICMOS Spectrophotometry of Small, Inner Satellites of the Outer Planets", *Bulletin of the American Astronomical Society*, DPS 33nd Meeting, 37.10
- 59M. **Schneider, G.** 2002, "High Contrast Imaging and the Disk/Planet Connection", *Hubble's Science Legacy: Future Optical-UV Astronomy From Space*, ed. C. Blades ASP Conference Series, 291, 69
- 60M. **Schneider, G.**, Weinberger, A. J., Silverstone, M. D., & Cotera, A. S. 2002, "HST Imaging of Circumstellar Disks", *Conference Proceedings: Debris Disks and the Formation of Planets*, ed. D. Bachman, (ASP Conf

Series), 324, 247

- 61M. Wood, K., Koerner, D., Whitney, B., **Schneider, G.**, Stassun, K., & Bjorkman, J. 2002, "GM Auriagae's Circumstellar Disk: Multiwavelength Observations and Radiation Transfer Models", *Bulletin of the American Astronomical Society*, AAS 200th Meeting, 71.05
- 62M. Silverstone, M., **Schneider, G.**, & Smith, B. A. 2002, "NICMOS Observations of Vega: Upper Limits to the Detection of the Debris System", *Bulletin of the American Astronomical Society*, AAS 200th Meeting, 74.07
- 63M. Cheng, E. S., Zimbelman, D. F., Calzetti, D., Petro, L. D., Boeker, T., Jedritch, N., Swift, W., Thompson, R. I., & **Schneider, G.**, NICMOS Cooling System Development Team, and the NICMOS Group at STScI Team. 2002, "The NICMOS Cooling System: Technology in the Service of Science", American Astronomical Society Meeting 200, #90.05, *Bulletin of the American Astronomical Society*, 34, 953
- 64M. **Schneider, G.** 2002, "Highlights from HST-NICMOS", *Committee on Space Research, Astronomy at IR/Submm and the Microwave Background*, ed. P. R. Wesselius and H. Olthof, *Advances in Space Research*, 34, 542
- 65M. **Schneider, G.** 2002, "Coronagraphy with NICMOS", *The 2002 HST Calibration Workshop*, S. Arribas, A. Koekemoer, and B. Whitmore
- 66M. **Schneider, G.**, Pasachoff, J. M., & Golub, L. 2003, "Space Studies of the Black-Drop Effect at a Mercury Transit", *IAU Joint Discussion 02 on Mercury* (Sydney, Australia)
- 67M. Cotera, A., & **Schneider, G.** 2003, "The IMF of Newly Discovered Embedded Clusters", *IAU Symposium 221 on Star Formation at High Angular Resolution*, (Sydney, UK)
- 68M. Cotera, A., Hines, D. C., **Schneider, G.**, & Young, E. 2003, "HST/NICMOS High Resolution Imaging Polarimetry of YSOs", *IAU Symposium 221 on Star Formation at High Angular Resolution*, (Sydney, UK)
- 69M. Pasachoff, J. M., **Schneider, G.**, & Golub, L. 2004, "Explanation of the Black-Drop Effect at Transits of Mercury and the Forthcoming Transit of Venus", *Bulletin of the American Astronomical Society*, AAS 203th Meeting, 1.04
- 70M. Roberge, A., Weinberger, A. J., Malimuth, E., & **Schneider, G.** 2004, "Spatially Resolved HST-STIS Spectrum of the TW Hydrae Circumstellar Disk", *Bulletin of the American Astronomical Society*, AAS 203th Meeting, 13.02
- 71M. **Schneider, G.**, Silverstone, M., & Hines, D. 2004, "HST/NICMOS Coronagraphy: Prospects for Cycle 13 and Beyond - A Choice of Coronagraphic Imagers", *Bulletin of the American Astronomical Society*, AAS 203th Meeting, 46.02
- 72M. **Schneider, G.** 2004, "High Contrast/High Resolution Scattered Light Imaging of Circumstellar Disks", in *Dust Disks and the Formation, Evolution, and Detection of Habitable Planets*, JPL CL#04-0314
- 73M. **Schneider, G.** 2004, "EFLIGHT2003 - the Umbra on Ice from 35,000 ft", *Conference Proceedings: 2nd International solar Eclipse Conference* (Milton Keynes, UK)
- 74M. Pasachoff, J. M., **Schneider, G.**, Babcock, B. A., Butts, D. L., Gangestad, J. W., Westbrook, O. W., Cordova, A. R., Gaydos, K., & Seiradakis, J. H. 2004, "Satellite and Ground-Based Observations of the Transit of Venus", *Bulletin of the American Astronomical Society*, DPS 36th Meeting, 39.01
- 75M. Hines, D. C., & **Schneider, G.** 2004, "NICMOS Coronagraphic Polarimetry: A New Observing Mode for HST", *Bulletin of the American Astronomical Society*, AAS 205th Meeting, 5.04
- 76M. **Schneider, G.**, Song, I., Zuckerman, B., Becklin, E., Lowrance, P., Macintosh, B., Bessell, M., Dumas, C., & Chauvin, G. 2004, "NICMOS Imaging of 2MASSWJ 1207334-393254 - A Planetary-Mass Companion Candidate", *Bulletin of the American Astronomical Society*, AAS 205th Meeting, 11.14
- 77M. Greissl, J. Meyer, M. R. Wilking, B. A., **Schneider, G.**, Young, E. T., Greene, T. P., Fanetti, T., & Benoist, A. 2004, "HST/NICMOS Grism Observations of Brown Dwarfs in NGC 1333", *Bulletin of the American Astronomical Society*, AAS 205th Meeting, 109.1
- 78M. Pasachoff, J., **Schneider, G.**, & Willson, R. C. 2004, "The Effect of the Transit of Venus on ACRIM's Total Solar Irradiance Measurements: Implications for Transit Studies of Extrasolar Planets", *Bulletin of the*

- 79M. Cotera, A. S., **Schneider, G.**, Hines, D. C., Whitney, B. A., Padgett, D. L., Stapelfeldt, K. R., & Potter, D. 2004, "Imaging Polarimetry of Young Stellar Objects with ACS and NICMOS: A Study in Dust Grain Evolution", *Bulletin of the American Astronomical Society*, AAS 205th Meeting, 136.08
- 80M. **Schneider, G.**, & the HST GO 10177 Team. 2005, "Solar Systems In Formation: A NICMOS Coronagraphic Survey of Protoplanetary and Debris Disks", *Bulletin of the American Astronomical Society*, AAS 206th Meeting, 35.09
- 81M. **Schneider, G.**, Song, I., Farihi, J., Zuckerman, B., Becklin, E., Lowrance, P., Macintosh, B., & Bessell, M. 2005, "Searching for, Finding, and Imaging Young Extrasolar Planets with HST/NICMOS", *A Decade of Extrasolar Planets* (STScI: Baltimore)
- 82M. Liu, M., & **Schneider, G.** 2005, "Very Young Substellar Companions to Nearby Solar-Type Stars: The Case of GQ Lup B", *IAU Colloquium 200, Direct Imaging of Exoplanets: Science and Techniques* (Nice, France)
- 83M. **Schneider G.**, Silverstone, M. D., Hines, D. C., Grady, C., Stapelfeldt, K., Padgett, D. L., Menard, F., Wolf, S., & Stecklum, B. 2005, "HST High contrast Imaging of Circumstellar Disks with Optical/Near-IR Coronagraphy", *Protostars & Planets V*, #8540
- 84M. Padgett, D. L., Stapelfeldt, K. R., Krist, J., Menard, F., & **Schneider, G.** 2005, "Hubble Space Telescope Imaging of the Schwartz 82 Disk", *Protostars & Planets V*, #8588
- 85M. Cotera, A. S., **Schneider, G.**, Hines, D. C., Whitney, B. A., Stapelfeldt, K. R., & Padgett, D. L. 2005, "Exploring the Mechanisms of Variability in Class I and Class II YSOs with Two Epoch HST/NICMOS Observations", *Protostars & Planets V*, #8489
- 86M. Krist, J., Golomowski, D., Stapelfeldt, K., Ardila, D., Clampin, D., Chen, C., Werner, M., Ford, H., Illingworth, G., **Schneider, G.**, Silverstone, M., & Hines, D. 2005, "HST/ACS Coronagraphic Images of a Debris Disk Around HD 92945", *Protostars & Planets V*, #8411
- 87M. Farihi, J., Song, I., **Schneider, G.**, Zuckerman, B., Becklin, E. E., Lowrance, P., Macintosh, B. A., & Bessell, M. S. 2005, "A Coronagraphic Imaging Search for Planetary Mass Companions to Nearby Young Stars Using the Near Infrared Camera on the Hubble Space Telescope", *Protostars & Planets V*, #8328
- 88M. Greissl, J., Meyer, M. R., Fanetti, T., Wilking, B. A., **Schneider, G.**, Young, E. T., Greene, T. P., & Benoit, A. 2005, "HST/NICMOS Observations of Brown Dwarfs in NGC 1333", *Protostars & Planets V*, #8387.
- 89M. **Schneider, G.** 2005, "Debris Disk Imaging with HST/NICMOS: The GO/10177 Debris Disk Survey, Part 2: The Resolved Disks", *Nearby Resolved Debris Disks* (STScI: Baltimore).
- 90M. Silverstone, M., & **Schneider, G.** 2005, "Debris Disk Imaging with HST/NICMOS: The GO/10177 Debris Disk Survey, Part 1: Targets, Technique, and Detection Limits", *Nearby Resolved Debris Disks* (STScI: Baltimore).
- 91M. Grady, C., **Schneider, G.**, & Williger, G. 2005, "The Disk and Environment of HD 169142", *Nearby Resolved Debris Disks* (STScI: Baltimore)
- 92M. **Schneider, G.**, & the HST/GO 10177 Team. 2005, "An HST/NICMOS Imaging Survey of Protoplanetary and Debris Disks Through the Epochs of Planet Building", *Bulletin of the American Astronomical Society*, AAS 207th Meeting, 10.13
- 93M. Grady, C. A., **Schneider, G.**, Potter, D., Silverstone, M., Williger, G. M., Woodgate, B., Sitko, M. L., Carpenter, W. J., & the HST/GO 10177 Team. 2005, "The Disk and Companions of HD 169142", *Bulletin of the American Astronomical Society*, AAS 207th Meeting, 10.14
- 94M. **Schneider, G.**, Pasachoff, J., & Willson, R. C. 2006, "The 08 June 2004 Transit of Venus: A Kepler-Mission Analog Study Using ACRIMSAT (& TRACE)", IAU GA XXVI, Commission 41, *Transits of Venus Working Group*, 17
- 95M. Pasachoff, J., & **Schneider, G.** 2006, "2004 transit of Venus from TRACE, Sea-level, and the Mountaintop Swedish Solar Telescope", IAU GA XXVI, Commission 41, *Transits of Venus Working Group*, 17
- 96M. Grady, C. A., **Schneider, G.**, Hamaguchi, K., Sito, K., Carpenter, W., Collins, K., Williger, G., Woodgate, B., Petre, R., Nuth, J. III, Hines, D., Henning, Th., Quirrenbach, A., Menard, F., and Wilner, D. 2006, "Young

Vega and Altair Analogs: Rotationally-Enhanced Activity in HD 169142 and HD 135344", *Bulletin of the American Astronomical Society*, AAS 209th Meeting, 219.008

- 97M. Cox, A., Grady, C., Woodgate, B., Hilton, G., Endres, M., **Schneider, G.**, & Ketzbeck, W. 2007, "Is GM Aur a Young Planetary System?", *Bulletin of the American Astronomical Society*, AAS 210th Meeting, 210.8713.
- 98M. Hines, D. C., Hammel, H. B., & **Schneider, G.** 2007, "Piggyback Instrumentation for Lunar Orbital Surveyors Characterizing Zodiacal Dust within 1 AU of the Sun", *Workshop on Science Associated with the Lunar Exploration Architecture* (LPI: Tempe)
- 99M. **Schneider, G.**, & Hines, D. C. 2007, "High Contrast Imaging with NICMOS - I: Teaching an Old Dog New Tricks with Coronagraphic Polarimetry", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century*, (UC: Berkeley)
- 100M. Hines, D. C., & **Schneider, G.** 2007, "High Contrast Imaging with NICMOS - II: Coronagraphic Polarimetry", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 101M. Hines, D. C., **Schneider, G.**, Metchev, S. A., Mamajek, E. E., Hillenbrand, L. A., Hollenbach, D., Carpenter, J. M., Meyer, M. R., Backman, D. E., Boumann, J., Henning, T., Kim, J. S., Moro-Martin, A., Nahita, J., Silverstone, M. D., Rodmann, J., & Wolf, S. 2007, "The Moth: An Unusual Circumstellar Structure Associated with HD 61005", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 102M. Debes, J. H., Weinberger, A. J., & **Schneider, G.** 2007, "Red, Grey or Blue? The Reflectance Spectra of Circumstellar Disks", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 103M. Golimowski, D., Krist, J., Chen, C., Stapelfeldt, K., Ardilla, D., Clampin, M., **Schneider, G.**, Silverstone, M., Ford, Holland, & Illingworth, G. 2007, "Observations and Models of the Debris Disk Around the K Dwarf HD 92945", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 104M. Fariji, J., Song, I., **Schneider, G.**, Zuckerman, B., Macintosh, B., Lowrance, P., Becklin, E., & Bessell, J. 2007, "An HST Coronagraphic Search for Planetary Mass Companions to Nearby Young Stars", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 105M. Metchev, S., Wolf, S., Rodmann, J., Silverstone, M., Hines, D., **Schneider, G.**, Meyer, M., Hillenbrand, L., Kin, S., Carpenter, J., Pascucci, I., Ardila, D., Krist, J., Najita, J., & Henning, T. 2007, "Multi-Wavelength Modeling of the Resolved Debris Disk Around HD 107146", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 106M. Grady, C., **Schneider, G.**, Woodgate, B., Wisniewski, J., Brittain, Sitko, M., & Collins, K. 2007, "The Evolution of Protoplanetary Disks: A Decade of HST Coronagraphy", *The Direct Detection of Planets & Circumstellar Disks in the 21st Century* (UC: Berkeley)
- 107M. **Schneider, G.**, Hines, D. C., HST GO 10852 & 10847 Teams. 2007, "Coronagraphic Polarimetry of HST-Resolved Circumstellar T Tauri and Debris Disks", AAS 211th Meeting, 211.5016S
- 108M. Debes, J. H., Weinberger, A. J., & **Schneider, G.** 2007, "The Diverse Reflectance Spectra of Young Circumstellar Disks", AAS 211th Meeting, 211, 124.03
- 109M. Green, T. P, **Schneider, G.**, & the EXCEDE Science and Mission Team. 2007, "EXCEDE: The Exoplanetary Circumstellar Environment And Disk Explorer Utilizing A Phase Induced Amplitude Apodized Coronagraphic Telescope For High Contrast Imaging Of Circumstellar Planet-forming Environments", AAS 211th Meeting, 211, 135.18
- 110M. Willand, T., Barker, E., Bergeron, E., Dachevski, I., Dahlan, T., de Jong, R., McLaughlin, H., Koekemoer, A., Pritzel, N., **Schneider, G.**, Shaw, B., Thatte, D., & Wheeler, T. 2008, "NICMOS Post-SM4 Unique Capabilities", *Science with the New Hubble Space Telescope After Servicing Mission 4* (INAF: Bologna)
- 111M. Simpson, J., Burton, M. G., Colgan, S. W. J., Cotera, A., Erickson, E., Hines, D. C., **Schneider, G.**, & Whitney, B. A. 2008, "Observations of a Compact (<1000 AU) MYSO Cluster with HST", *The Birth and Feedback of Massive Stars, Within and Beyond the Galaxy* (NRAO/UVA: Charlottesville)
- 112M. Batchelder, D., **Schneider, G.**, Hines, D. C., Schmidt, G. D., Axon, D. J., Robinson, A., Sparks, W., & Tadhunter, C. 2008, "High Accuracy Imaging Polarimetry with NICMOS", *Astronomical Polarimetry 2008. Science from Small to Large Telescopes* (La Malbaie, Quebec)

- 113M. Pasachoff, J. M., **Schneider, G.**, & Willson, R. C. 2008, "Total Solar Irradiance and the 2006 Transit of Mercury and Application to Transiting Exoplanet Observations", *Bulletin of the American Astronomical Society*, DPS 40th Meeting, #11.19.
- 114M. Perrin, M. D., **Schneider, G.**, Wisniewski, J., Hines, D. C., & the HST GO 11155 Team. 2009, "Coronagraphic Polarimetry of Resolved Circumstellar Disks around Herbig Ae/Be Stars: Investigating Disk Properties and Dust Grain Growth with HST NICMOS", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 409.03
- 115M. Greene, T. P., Cahoy, K., Guyon, O., Kasting, J., Marley, M., Meyer, M., Ridgway, S., **Schneider, G.**, Traub, W., & Woolf, N. 2009, "Science Performance of the Pupil-mapping Exoplanet Coronagraphic Observer (PECO)", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 451.04
- 116M. Mills, E. A., Morris, M. R., Lang, C. C., Wang, Q. D., Dong, H., Stolovy, S., Muno, M., Calzetti, D., Ramirez, S., & **Schneider, G.** 2009, "Characterizing Filamentary Structure in Images from an HST-NICMOS Paschen Alpha Survey of the Galactic Center", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 416.11
- 117M. Grady, C. A., Harding, M., Bonfield, D., Hilton, G., Woodgate, B., Perrin, M., Melis, C., Peek, K., Smarr, O., Wisniewski, J., **Schneider, G.**, Hines, D., Stapelfeldt, K., & Padgett, D. 2009, "Three's a Crowd: The Jets, Envelopes, and Environment of PDS 144", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 414.05
- 118M. Simpson, J. P., Hines, D. C., **Schneider, G.**, Whitney, B. A., Burton, M. G., Colgan, S. W. J., Cotera, A. S., & Erickson, E. F. 2009, "HST NICMOS Coronagraphic Polarimetry of AFGL 2591, S140 IRS1, and MON R2 IRS3", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 413.16
- 119M. **Schneider, G.**, Weinberger, A. J., Becklin, E. E., Debes, J. H., & Smith, B. A. 2009, "HST/STIS High-Resolution Imaging of the HR 4796A Circumstellar Debris Ring", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 409.05
- 120M. Pasachoff, J. M., Babcock, B. A., Freeman, M. J., DuPre, K. M., Demianski, M., Nesterenko, I., Nesterenko, I., & **Schneider, G.** 2009, "Coronal Observations at the 2008 Siberian Total Solar Eclipse", *Bulletin of the American Astronomical Society*, AAS 213th Meeting, 600.03
- 121M. Mills, E. A., Morris, M. R., Lang, C. C., Wang, Q. D., Dong, H., Cotera, A., Stolovy, S., Mauerhan, J., Calzetti, D., & **Schneider, G.** 2009, "Quantitative Characterization of the Filamentation of Paschen Alpha Emission in the Galactic Center", *Bulletin of the American Astronomical Society*, AAS 214th Meeting, 420.01
- 122M. Cahoy, K. L., Guyon, O., Marley, M., Belikov, R., & **Schneider, G.** 2009, "Science Performance of the Pupil-mapping Exoplanet Coronagraph (PECO)", *Bulletin of the American Astronomical Society*, DPS Meeting 41, 16.18
- 123M. Rodgers, E., Cotera, A. S., Whitney, B. A., **Schneider, G.**, Hines, D. C., Stapelfeldt, K. R., & Padgett, D. 2010, "Imaging Polarimetry of Young Stellar Objects with ACS and NICMOS: A Study in Dust Grain Evolution", *Bulletin of the American Astronomical Society*, AAS 215th Meeting, 429.32
- 124M. Williger, G. M., Grady, C., Hamiguchi, K., **Schneider, G.**, Sitko, M., McCleary, J., Woodgate, B., Stecklum, B., & Shenoy, A. 2010, "The Accretion Footprint on a Herbig Ae Star: MWC 480", *Bulletin of the American Astronomical Society*, AAS 215th Meeting, 429.02
- 125M. Sitko, M. L., Day, A. N., Kimes, R. L., Beerman, L., Martus, C. M., Lynch, D. K., Russell, R. W., Grady, C. A., **Schneider, G.**, Lisse, C. M., Nuth, J. A. III, Cure, M., & Henden, A. A. 2010, "Probing the Activity of a Pre-transitional Disk and Its Central Star: variability in the Gas and Dust Emission of the Herbig Fe Star SAO 206462 (HD 135344b)", *Bulletin of the American Astronomical Society*, AAS 215th Meeting, 428.02
- 126M. Dong, H., Wang, D., Cotera, A., Stolovy, S., **Schneider, G.**, Morris, M., Mauerhan, J., & Lang, C. 2010, "HST/NICMOS Galactic Center Paschen Alpha Survey – Preliminary Results", *Bulletin of the American Astronomical Society*, AAS 215th Meeting, 413.08
- 127M. Maness, H., Kalas, P., Fitzgerald, M., Williams, J. P., Chaing, E. I., Graham, J. R., Schererm K., Peek, K. M. G., Hines, D. C., **Schneider, G.**, & Metchev, S. A. 2010, "Debris Disk Erosion by the ISM: The Case of HD 61005", *Bulletin of the American Astronomical Society*, AAS 215th Meeting, 361.04

- 128M. Ertl, D., Eolf, S., Eiroa, C., Augereau, J-C, Metchev, S., **Schneider, G.**, Carpenter, J. M., Meyer, M. R., Hillenbrand, L. A., Silverstone, M. D., Rodmann, J., & the Herschel/DUNES Team. 2010, "The Impact of ALMA on Debris Disks", in *The impact of Herschel surveys on ALMA Early Science*, ESO: Garching
- 129M. Hornbeck, Jeremy, Grady, C. A., Brown, A., Ayres, T., Apai, D., Brittain, S., Brown, J. M., Hamaguchi, K., Henning, T., Herczeg, G., Kamp, I., Perrin, M., Petre, R., **Schneider, G.**, Sitko, M., Walter, F., Williger, G., Wisniewski, J., & Woodgate, B. 2011, "The Discovery of a Photoevaporation-Driven Molecular Outflow from the T Tauri Transitional Disk GM Aur", *Bulletin of the American Astronomical Society*, **43**, AAS 217th Meeting, 340.29.
- 130M. Grady, C. A., Brown, A., Woodgate, B., Hornbeck, J., Williger, G., Herczeg, G., Brown, J., Brittain, S., Wisniewski, J., Perrin, M., Hamaguchi, K., Henning, T., Kamp, I., Petre, R., **Schneider, G.**, Sitko, M., Walter, F., Apai, D., & Ayres, T. 2011, "The Potential of High Angular Resolution and Contrast FUV Imagery for Studies of Star and Planetary System Formation", *Bulletin of the American Astronomical Society*, **43**, AAS 217th Meeting, 340.19.
- 131M. Mechtley, M., Windhorst, R. A., **Schneider, G.**, Cohen, S. H., Fan, X., Hathi, N. P., Keel, W. C., Koekemoer, A., Rottgering, H., Ryan, R. E., Schneider, D. P., Strauss, M. A., & Yan, H. 2011, "WFC3 Imaging Of z=6 QSO Hosts: A Method For PSF Characterization And Subtraction", *Bulletin of the American Astronomical Society*, **43**, AAS 217th Meeting, 142.40
- 132M. Dong, H., Wang, D., Cotera, A., Stolovy, S., Morris, M. R., Mauerhan, J., Mills, E. A., **Schneider, G.**, Calzetti, D., Lang, & C. C. 2011, "Investigating The Star Formation Mode And History Within The Galactic Center", *American Astronomical Society*, AAS Meeting 218, #108.07
- 133M. **Schneider, G.**, & the HST/GO 12228 Team. 2012, "Probing for Exoplanets Hiding in Dusty Debris Disks: Inner Disk Imaging, Characterization, and Exploration with HST/STIS Multi-Roll Coronagraphy", *American Astronomical Society*, AAS Meeting 219, #446.
- 134M. Mechtley, M., Windhorst, R. A., Ryan, R. E., Cohen, S. H., **Schneider, G.**, Fan, X., Hathi, N. P., Jansen, R. A., Keel, W. C., Koekemoer, A. M., Röttgering, H., Scannapieco, E., Schneider, D. P., Strauss, M. A., & Yan, H. 2012, "WFC3 Imaging Of z=6 Quasars: Examining The Host Galaxies Of AGN In The Early Universe", *American Astronomical Society*, AAS Meeting 219, #243.17
- 135M. **Schneider, G.**, Guyon, O., & the EXCEDE Science, Mission, and Technology Teams. 2012, "The EXoplanetary Circumstellar Environments and Disk Explorer", *American Astronomical Society*, AAS Meeting 219, #155.13
- 136M. **Schneider, G.**, Carson, J., Debes, J., Goto, M., Grady, C., Henning, T., Hines, D., Hinz, P., Jang-Condell, H., Kuchner, M., Moro-Martin, A., Marshall, P., Serabyn, G., Silverstone, M., Stark, C., Tamura, M., Weinberger, A., Wisniewski, J., & Woodgate, B. 2012, "Probing for Exoplanets Hiding in Dusty Debris Disks II: Disk Imaging, Characterization, and Exploration with HST/STIS Multi-Roll Coronagraphy - UPDATE", *American Astronomical Society*, AAS Meeting 220, #331.02
- 137M. Widemann, Thomas, Tanga, P., Reardon, K. P., Limaye, S., Wilson, C., Vandaele, A., Wilquet, V., Mahieux, A., Robert, S., Pasachoff, J. M., & **Schneider, G.** 2012, "Asymmetry in the Polar Mesosphere Revealed by the 2012 Venus Transit Aureole", *American Astronomical Society*, Division of Planetary Sciences, Meeting 44, #508.08
- 138M. Tanga, P., Widemann, T., Ambastha, A., Babcock, B. A., Berthier, J., Bouley, S., Braga-Ribas, F., Brasch, K., Burke, W., Colas, F., Fukuhara, T., Fulham, L., Imai, M., Lu, M., Machado, P., Maquet, L., Pasachoff, J. M., Roberts, J., **Schneider, G.**, Sheehan, W., Sigismondi, C., Thouvenin, N., Vachier, F., Veillet, C., & Wang, X. 2012, "The Venus Twilight Experiment: Probing The Mesosphere In 2004 And 2012", *American Astronomical Society*, Division of Planetary Sciences Meeting 44, #508.07
- 139M. Pasachoff, Jay M., **Schneider, G.**, Babcock, B. A., Lu, M., Reardon, K. P., Widemann, T., Tanga, P., Dantowitz, R., Willson, R., Kopp, G., Yurchyshyn, V., Sterling, A., Scherrer, P., Schou, J., Golub, L., & Reeves, K. 2012, "The 2012 Transit of Venus for Cytherean Atmospheric Studies and as an Exoplanet Analog", *American Astronomical Society*, Division of Planetary Sciences Meeting 44, #508.06
- 140M. Edelman, E., Pasachoff, J. M., **Schneider, G.**, Babcock, B. A., Lu, M., Reardon, K., Widemann, T., Tanga, P., & Dantowitz, R. 2013, "The 2012 Transit of Venus: A Closer Look at the Cytherean Aureole", *American Astronomical Society*, AAS Meeting 221, #350.04

- 141M. Mechtley, Matt, Koekemoer, A. M., Jahnke, K., Smith, B. M., Windhorst, R. A., Cohen, S. H., Fan, X., Hathi, N. P., Jansen, R., Jiang, L., Keel, W. C., Röttgering, H., Ryan, R. E., Scannapieco, E., Schneider, D. P., **Schneider, G.**, Strauss, M. A., & Yan, H. 2013, "Quasar Host Galaxies at $z=2$ and $z=6$: Point Source Subtraction With MCMC", *American Astronomical Society*, AAS Meeting 221, #339.31
- 142M. Pasachoff, J. M., **Schneider, G.**, Babcock, B. A., Lu, M., Edelman, E., Reardon, K., Widemann, T., Tanga, P., Dantowitz, R., Silverstone, M. D., Ehrenreich, D., Vidal-Madjar, A., Nicholson, P. D., Willson, R. C., Kopp, G. A., Yurchyshyn, V. B., Sterling, A. C., Scherrer, P. H., Schou, J., Golub, L., McCauley, P., & Reeves, K. 2013, "Three 2012 Transits of Venus: From Earth, Jupiter, and Saturn", *American Astronomical Society*, AAS Meeting 221, #315.06
- 143M. Belikov, R., Pluzhnik, E., Lozi, J., Witteborn, F. C., Greene, T. P., Lynch, D. H., **Schneider, G.**, Guyon, O., & Tenerelli, D. 2013, "EXCEDE Technology Development: Demonstrations of High Contrast at $1.2 \lambda/D$ and Fast Low-order Wavefront Control for an Explorer Space Telescope Mission", *American Astronomical Society*, AAS Meeting 221, #305.02
- 144M. Simpson, J. P., Whitney, B., Hines, D. C., **Schneider, G.**, Cotera, A., Burton, M. G., Colgan, S. W., & Erickson, E. F. 2013, "Using HST NICMOS Polarization to Characterize the Magnetic Field Structure of AFGL 2591", *American Astronomical Society*, AAS Meeting 221, #256.13
- 145M. Stevens, L., Carson, J., Ruwadi, D., Low, K., Jordan, S., & **Schneider, G.** 2013, "The Hubble Exoplanet Classroom", *American Astronomical Society*, AAS Meeting 221, #246.05
- 146M. **Schneider, G.**, & the HST GO/12228 Team. 2013, "Probing for Exoplanets Hiding in Dusty Debris Disks III: Disk Imaging, Characterization, and Exploration with HST/STIS Multi-Roll Coronagraphy - Completing the Survey", *American Astronomical Society*, AAS Meeting 221, #104.05
- 147M. Pasachoff, J. M., **Schneider, G.**, Babcock, B. A., Lu, M., Penn, M. J., Jaeggli, S. A., Galayda, E., Reardon, K. P., Widemann, T., Tanga, P., Ehrenreich, D., Vidal-Madjar, A., Nicholson, P. D., & Dantowitz, R. 2013, "Transit Observations of Venus's Atmosphere in 2012 from Terrestrial and Space Telescopes as Exoplanet Analogs", *American Astronomical Society*, AAS Meeting #222, #217.01
- 148M. Jaggi, S. A., Reardon, K. P., Pasachoff, J. M., **Schneider, G.**, Wiemann, T., & Tanga, P. 2013, "1565 nm Observations of the transit of Venus, Proxy for a Transiting Exoplanet", *American Astronomical Society*, Division of Planetary Sciences Meeting 44, #100.150
- 149M. Grady, C., Brown, A., Currie, T., Fukagawa, M., Inoue, A., Lauroesch, J., Williger, G., Momose, M., Muto, T., Perrin, M., Schneider, G., Sitko, M., Wisniewski, J., Woodgate, B. 2013, "Crossing the Snow Line: Mapping Water Ice Photo-desorption products in the disks of Herbig stars", *Protostars and Planets VI*, Heidelberg, July 15-20, 2S019
- 150M. Widemann, T., Jaeggli, S. A., Reardon, K. P., Tanga, P., Pasachoff, J. M., & **Schneider, G.** 2013, "Characterization of a Transiting Exo-Venus: Lessons from the 2012 Transit", *American Astronomical Society*, Division of Planetary Sciences Meeting 45, #118.11
- 151M. Debes, J. H., Quiroga-Nuñez, L., **Schneider, G.**, Carson, J., Goto, M., Grady, C. A., Henning, T., Hines, D. C., Hinz, P., Jang-Condell, H., Kuchner, M. J., Moro-Martin, A., Perrin, M. D., Rodrigues, T. J., Serabyn, G., Stark, C. C., Tamura, M., Weinberger, A. J., Wisniewski, J. P., & Woodgate, B. E. 2014, "STIS High Contrast Imaging of HD 15745 on Solar System Scales: Inspecting the Fan", *American Astronomical Society*, AAS Meeting #223, #424.06
- 152M. Moerchen, M., Perrin, M. D., Chen, C., Choquet, E., Debes, J. H., Golimowski, D. A., Hagan, J., Hines, D. C., Mittal, T., N'Diaye, M., Pueyo, L., Reid, I. N., **Schneider, G.**, Wolff, S., & Soummer, R. 2014, "Archival Legacy Investigations of Circumstellar Environments (ALICE): Debris Disks Newly Resolved in Scattered Light from the HST NICMOS Archive", *American Astronomical Society*, AAS Meeting #223, #350.13
- 153M. Golimowski, D. A., Perrin, M. D., Chen, C., Choquet, E., Debes, J. H., Hagan, J., Hines, D. C., Moerchen, M., Mittal, T., N'Diaye, M., Pueyo, L., Reid, I. N., **Schneider, G.**, Wolff, S., & Soummer, R. 2014, "Archival Legacy Investigations of Circumstellar Environments (ALICE): A Resolved Scattered-Light Image of the Debris Disk around HD 202917 from HST/NICMOS", *American Astronomical Society*, AAS Meeting #223, #350.12
- 154M. Elodie, C., Chen, C., Debes, J. H., Golimowski, D. A., Hagan, J., Hines, D. C., Lonsdale, S., Marois, C.,

- Mawet, D., Mittal, T., Moerchen, M., N'Diaye, M., Perrin, M. D., Pueyo, L., Rajan, A., Reid, I. N., **Schneider, G.**, Wolff, S., & Soummer, R. 2014, "Archival Legacy Investigation of Circumstellar Environments (ALICE): Candidates point sources and high-level science products", *American Astronomical Society*, AAS Meeting #223, #348.16
- 155M. Stark, C. C., **Schneider, G.**, Weinberger, A. J., Debes, J. H., Jang-Condell, H., Grady, C. A., Carson, J., Henning, T., Hines, D. C., Hinz, P., Kuchner, M. J., Moro-Martin, A., Perrin, M. D., Tamura, M., Serabyn, G., Silverstone, M. D., Goto, M., & Wisniewski, J. P. 2014, "HD 181327 Debris Disk Asymmetries: Signs of a Planet or Geometric Projection Effects?", *American Astronomical Society*, AAS Meeting #223, #303.06
- 156M. Rogoszinski, Z., Pasachoff, J. M., Babcock, B. A., **Schneider, G.**, & Reardon, K. P. 2014, "Observations of the Black-Drop Effect at the 2012 Transit of Venus", *American Astronomical Society*, AAS Meeting #223, #247.16
- 157M. Soummer, R., Barman, T. S., Chen, C., Choquet, E., Comeau, T., Debes, J. H., Golimowski, D. A., Hagan, J., Hines, D. C., Lonsdale, S., Marois, C., Mawet, D., Mittal, T., Moerchen, M., N'Diaye, M., Perrin, M. D., Pueyo, L., Rajan, A., Reid, I. N., **Schneider, G.**, & Wolff, S. 2014, "Archival Legacy Investigation of Circumstellar Environments (ALICE): Overview and First Results", *American Astronomical Society*, AAS Meeting #223, #229.03
- 158M. **Schneider, G.**, Belikov, R., Guyon, O., Lozi, J., Eduardo, B., Davis, P., Greene, T. P., Lynch, D., Eugene, P., Sandrine, T., Witteborn, F., Duncan, A., Kendrick, R., Hix, T., Mihara, R., Smith, E., Irwin, W., Debes, J. H., Carson, J., Hines, D. C., Grady, C. A., Perrin, M. D., Silverstone, M. D., Wisniewski, J. P., Hinz, P., Moro-Martin, A., Henning, T., Tamura, M., Jang-Condell, H., Weinberger, A. J., Woodgate, B. E., Goto, M., Serabyn, G., Rodigas, T., Kuchner, M. J., Stark, C. C., EXCEDE Project Technology Development Team, & HST GO 12228 Team. 2014, "Technology Demonstration Milestone #1 for the EXoplanetary Circumstellar Environments and Disk Explorer (EXCEDE) II. Science Drivers and Implications", *American Astronomical Society*, AAS Meeting #223, #149.08
- 159M. Belikov, R., Bendek, E., Davis, P., Duncan, A., Greene, T. P., Guyon, O., Hix, T., Irwin, W., Kendrick, R., Lozi, J., Lynch, D., Mihara, R., Pluzhnik, E., **Schneider, G.**, Smith, E., Thomas, S., & Witteborn, F. C. 2014, "Technology Demonstration Milestone #1 for the EXoplanetary Circumstellar Environments and Disk Explorer (EXCEDE) I. Laboratory/Experimental Results", *American Astronomical Society*, AAS Meeting #223, #109.02
- 160M. Lozi, J., Belikov, R., **Schneider, G.**, Guyon, O., Thomas, S., Pluzhnik, E., & the EXCEDE Project Technology Development Team. 2014, "Experimental study of a low-order wavefront sensor for high-contrast coronagraphic imagers", *American Astronomical Society*, AAS Meeting #223, #105.09
- 161M. Lozi, J., Belikov, R., Bendek, E., Davis, P., Duncan, A., Green T. P., Guyon, O., Hix, T., Irwin, W., Kendrick, R., Lynch, D., Mihara, R., Oluzhnik, E., Schneider, G., Smith, E., Thomas, S., Witteborn, F. C. 2014, "EXoplanetary Circumstellar Environments and Disk Explorer technology demonstration: Experimental results in air and vacuum", Search for Life Beyond the Solar System. Exoplanets, Biosignatures & Instruments, id. P4.72
- 162M. Wagner, K. R., Sitko, M. L., Grady, C. A., Whitney, B., Swearingen, J. R., Champney, E. H., Johnson, A. N., Warren, C. C., Russell, R. W., **Schneider, G.**, Momose, M., Muto, T., Inoue, A. K., Lauroesch, J. T., Hornbeck, J., Brown, A., Fukagawa, M., Currie, T. M., Wisniewski, J. P., & Woodgate, B. E. 2015, "Exploring Structures and Variability in the Pre-transitional Disk in HD 169142", *American Astronomical Society*, AAS Meeting #225, #349.13
- 163M. Choquet, E., Perrin, M. D., Chen, C., Golimowski, D. A., Debes, J. H., **Schneider, G.**, Pueyo, L., Hines, D. C., Wolff, S., Mittal, T., Moro-Martin, A., Mawet, D., Milli, J., Brendan, H. J., Rajan, A., Moerchen, M., N'Diaye, M., Aguilar, J., & Soummer, R. 2015, "ALICE: Analysis of New Debris Disk Images", *American Astronomical Society*, AAS Meeting #225, #349.20
- 164M. Soummer, R., Choquet, E., Pueyo, L., Brendan H. J., Gofas-Salas, W., Rajan, A., Perrin, M. D., Chen, C., Debes, J. H., Golimowski, D. A., Hines, D. C., **Schneider, G.**, N'Diaye, M., Mawet, D., Marois, C., & Barman, T. 2015, "ALICE: Project Overview and High Level Science Products", *American Astronomical Society*, AAS Meeting #225, #349.21
- 165M. Wilson, B., Griggs, Z., Gardner, C., Carson, J., **Schneider, G.**, & Stark, C. C., HST/GO 12228 Team. 2015, "New Data Reduction Techniques for Circumstellar Disk Imaging with the Hubble DICE Survey", *American*

- 166M. **Schneider, G.** 2015, "Revealing the Outer Reaches of the HR 4796A Debris System with HST/STIS Visible Light Coronagraphy", In *The Spirit of Lyot 2014, Direct Detection of Exoplanets and Circumstellar Disks (Montreal: June 2015)*
- 167M. Debes, J. H., Gaspar, A., **Schneider, G.**, & Proffitt, C. 2015, "The HST/STIS BAR5 Occulter: High Contrast in Space at Visible Wavelengths", *American Astronomical Society*, DPS Meeting #47, #416.19
- 168M. Grady, C. A., **Schneider, G.**, Carson, J., Debes, J. H., Gaspar, A., Henning, T., Hines, D. C., Hinz, P., Jang-Condell, H., Kuchner, M. J., Moro-Martin, A., Perrin, M. D., Rodigas, T. J., Serabyn, G., Silverstone, M. D., Stark, C. C., Tamura, M., Weinberger, A. J., Wisniewski, J. P., K., & Konishi, M. 2016, "Decoding Debris System Substructures: Imprints of Planets/Planetesimals and Signatures of Extrinsic Influences on Material in Ring-Like Disks", *American Astronomical Society*, AAS Meeting #227, #343.10
- 169M. Perrin, M. D., Choquet, E., Greenbaum, A., Ren, B., Debes, J. H., Mazoyer, J., Ygouf, M., Pueyo, L., Aguilar, J., Chen, C., Golimowski, D. A., Hines, D. C., N'Diaye, M., **Schneider, G.**, Soummer, R., Stark, C., & Wolff, S. 2016, "HST STIS & NICMOS Coronagraphy of Four Debris Disks around Young Solar Analogs", *American Astronomical Society*, AAS Meeting #227, #309.03
- 170M. Soummer, R., Choquet, E., Pueyo, L., Brendan H., J., Gofas-Salas, E., Rajan, A., Chen, C., Perrin, M. D., Debes, J. H., Golimowski, D. A., Hines, D. C., N'Diaye, M., **Schneider, G.**, Mawet, & D., Marois, C. 2015, "Archival Legacy Investigation of Circumstellar Environments (ALICE). Survey Results", *American Astronomical Society*, AAS Meeting #227, #137.03
- 171M. Pasachoff, J. M., **Schneider, G.**, Gary, D., Chen, B., Sterling, A. C., Reardon, K. P., Dantowitz, R., & Kopp, G. A. 2016, "The 2016 Transit of Mercury Observed from Major Solar Telescopes and Satellites", *American Astronomical Society*, DPS meeting #48, #117.05
- 172M. Chen, C., Arriaga, P., Bruzzone, S., Choquet, E., Debes, J. H., Donaldson, J., Draper, Z., Duchene, G., Esposito, T., Fitzgerald, M., Golimowski, D., Hines, D. C., Hinkley, S., Hughes, A. Meredith, Kalas, P., Kolokolova, L., Lawler, S., Matthews, B. C., Mazoyer, J., Metchev, S. A., Millar-Blanchaer, M., Moro-Martin, A., Nesvold, E., Padgett, D., Patience, J., Perrin, M. D., Pueyo, L., Rantakyro, F., Rodigas, T., **Schneider, G.**, Soummer, R., Song, I., Stark, C., & Weinberger, A. J. 2017, "Characterizing Dusty Debris Disks with the Gemini Planet Imager", *American Astronomical Society*, AAS meeting #229, #435.02
- 173M. Grady, C. A., Hines, D. C., **Schneider, G.**, & McElain, M. W. 2017, "Lessons from Coronagraphic Imaging with HST that may apply to JWST", *American Astronomical Society*, AAS meeting #230, #114.08
- 174M. Pasachoff, J. M., Backhaus, U., Gährken, B., Schneider, G. 2017, "The 2016 Transit of Mercury and the Solar Parallax", *American Astronomical Society*, DPS Meeting #49, #200.04
- 175M. MacGregor, M. A., Weinberger, A., Wilner, D., Huges, M., Debes, J. H., Redfield, S., Donaldson, J., Nesvold, E., **Schneider, G.**, Curie, T., Roberge, A., & Rodriguez, D. 2018, "New ALMA Images of the HD 32297 and HD 61005 Debris Disks", *American Astronomical Society*, AAS meeting #231, #428.07
- 176M. Choquet, E., Soummer, R., Perrin, M., Pueyo, L., Brendan Hagen, J., Zimmerman, N., Debes, J. H., **Schneider, G.**, Ren, B., Milli, J., Wolff, S., Stark, C., Mawet, D., Golimowski, D., Hines, D. C., Roberge, A., & Serabyn, E. 2018, "Using Modern Imaging Techniques to Old HST Data: A Summary of the ALICE Program", *American Astronomical Society*, AAS meeting #231, #147.12
- 177M. Zimmerman, M., Jang-Condell, H., **Schneider, G.**, Chen, C., & Stark, C. 2018, "Creating Compositionally-Driven Debris Disk Dust Models", *American Astronomical Society*, AAS meeting #232, #317.08
- 178M. Wolff, S., Poteet, C., Ren, B., Duchene, G., Arriaga, P., Chen, C., Esposito, T., Fitzgerald, M., Hines, D., Hinkley, S., Hom, J., Hughes, A. M., Kalas, P., Matthews, B., Mazoyer, J., Metchev, S., Millar-Blanchaer, M., Patience, J., Perrin, M., Rajan, A., Rantakyro, F., **Schneider, G.**, Soummer, R., Stark, S., Ward-Duong, K., Weinberger, A., & Wilner, D. 2019, "Dust properties of the HIP 79977 Debris Disk", *American Astronomical Society*, AAS meeting #233, #263.4
- 179M. Zimmerman, M., Jang-Condell, H., **Schneider, G.**, Chen, C., Stark, C., & Kasper, D. 2019, "Going with the Grain: Using Bayesian Modeling to Uncover Physical Properties of Debris Disk", *American Astronomical Society*, AAS meeting #233, #163.21

- 180M. Perrin, M., Choquet, E., Ren, B., Debe, J., Chen, C., Golimowski, D., Hagan, B., Mawet, D., Milli, J., Pueyo, L., Roberge, A., **Schneider, G.**, Serabyn, E., Soummer, R., Stapelfeldt, S., Stark, C., & Wolff, S. 2019, "Exploring Debris Disks across Spectral Types with Hubble STIS Coronagraphic Imaging", *American Astronomical Society*, AAS meeting #233, #163.24
- 181M. Kowalski, A. F., Allred, J., Axelson, R., Brown, A., Carter, B., Grady, C. A., Henry, T., Hinojosa, R., Jao, W.-C., Lomax, J. L., Neff, J. E., Osten, R., Paredes, L., Soutter, J., **Schneider, G.**, Vrijmoet, E. H., White, G., & Wisniewski, J., "A 7-Day, Multiwavelength Flare Monitoring Campaign on AU Mic", *American Astronomical Society*, AAS meeting #233, #360.14
- 182M. Blunt, S., Endl, S., Weiss, L., Cochran, W., Kosiarek, M., Fulton, B. J., Howard, A., **Schneider, G.**, Lawson, K., & Wisniewski, J. 2019, "A Jovian World in a Highly Eccentric 65-year Orbit Discovered with Radial Velocities", *American Astronomical Society*, AAS meeting #233, #301.01
- 183M. Grady, C. A., Wisniewski, J., **Schneider, G.**, Boccaletti, A., Gaspar, A., Debes, J., Hines, D., Stark, C., Lagrange, A-M, Thalmann, C., Augereau, J. C., Milli, J., Henning, T. K., Sezestre, E., & Kuchner, M. J. 2019, "The Eroding Disk of the Young M Star AU Mic", *American Astronomical Society*, AAS meeting #233, #443.09
- 184M. MacGregor, M. A., Weinberger, A. J., Hughes, A. M., Wilner, D., Currie, T., Debes, J., Redfield, S., Roberge, A., & **Schneider, G.** 2019, "A Gap in the HD 15115 Debris Disk Detected with ALMA", *American Astronomical Society*, AAS meeting #233, #436.01
- 185M. Mazoyer, J., Chen, C., Poteet, C., Arriaga, P., Duchene, C., Ren, B., Hom, J., Fitzgerald, M., Esposito, T., Hinkley, S., Hines, D., Hughes, A. M., Kalas, P., Kolokolova, L., Matthews, B., Metchev, S., Millar-Blanchaer, M., Patience, J., Perrin, M., Rantakyro, F., **Schneider, G.**, Soummer, R., Stark, C., Weinberger, A., Wilner, D., & Pueyo, L. 2019, "The Surprising Scattering Phase Function of the HR 4796 Debris Disk", *American Astronomical Society*, AAS meeting #233, #436.03
- 186M. Blunt, S., Endl, M., Weiss, L., Cochran, W., Howard, A., MacQueen, P., Fulton, B., Henry, G., Johnson, Marshall C., Kosiarek, M., Lawson, K., Macintosh, B., Mills, S. M., Nielsen, E., Petigura, E., **Schneider, G.**, Vanderburg, A., Wisniewski, J., Wittenmyer, R., Brugamyer, E., Caldwell, C., Hatzes, A., Hirsch, L., Isaacson, H., Robertson, Roy, A., Shen, Z. 2019, "Radial Velocity Discovery of an Eccentric Jovian World Orbiting at 18 au", *American Astronomical Society*, Extreme Solar Systems 4, Bulletin of the American Astronomical Society, **51**, 410205B
- 187M. Apai, D., Milster, T. D., Kim, D., Bixel, A., **Schneider, G.**, Rackham, B. V., Liang, R., Arenberg, J. 2020, "Nautilus: A Biosignature Survey in a Thousand Exo-Earths", *American Astronomical Society*, AAS meeting #235, #212.06
- 188M. **Schneider, G.**, Wisniewski, J. P., Grady, C. A., Debes, J. H., Hines, D. C., Stark, C. C., Augereau, J. C., Boccaletti, A., Henning, T. K. Sezestre, E. 2020, "Time Domain Coronagraphy: Diagnosing the Stripping of AU Mic's Debris Disk", *American Astronomical Society*, AAS meeting #235, #308.07

NASA/STScI (and other) Reports (inverse chronology; 24)

- 1S. Apai, D., Bixel, A., Rackham, B. V., **Schneider, G.**, Milster, T. D., Kim, Dae W., Liang, R., Arenberg, J., Grunsfeld, J. 2019, "Nautilus: A Very Large-Aperture, Ultralight Space Telescope for Exoplanet Exploration, Time-domain Astrophysics, and Faint Objects" in Astro2020: Decadal Survey on Astronomy and Astrophysics, *Bulletin of the American Astronomical Society*, **51**, 141
- 2S. Gaspar, A., Apai, D., Augereau, J.-C., Ballering, N. P., Beichman, C. A., Boccaletti, A., Booth, M., Bowler, B. P., Bryden, G., Chen, C.H., Currie, T., Danchi, W. C., Debes, J., Defrère, D., Ertel, S., Jackson, A. P., Kalas, P. G., Kennedy, G. M., Kenworthy, M. A., Kim, J. S., Kirchschrager, F., Kral, Q., Krijt, S., Krivov, A.V., Kuchner, M. J., Leisenring, J. M., Löhne, T., Lyra, W., MacGregor, M. A., Matrà, L., Mawet, D., Mennesson, B., Meshkat, T., Moro-Martín, A., Nesvold, E. R., Rieke, G. H., Roberge, A., **Schneider, G.**, Shannon, A., Stark, C.C., Su, K. Y. L., Thébaud, P., Wilner, D. J., Wyatt, M.C., Ygouf, M., Youdin, A. N. 2019, "Modeling Debris Disk Evolution" in Astro2020: Decadal Survey on Astronomy and Astrophysics, *Bulletin of the American Astronomical Society*, **51**, 69

- 3S. Debes, J. H., Ren, B., **Schneider, G.**, 2019, "Pushing the Limits of the Coronagraphic Occulters on STIS", *STIS ISR 2019-003* (STScI)
- 4S. **Schneider, G.**, Gaspar, A., Debes, J., Gull, T., Hines, D., Apai, D., & Rieke, G. 2017, "Enabling Narrow(est) IWA Coronagraphy with STIS BAR5 and BAR10 Occulters", *STIS ISR 2017-003* (STScI)
- 5S. Apai, D., Cowan, N., Koppappu, R., Kasper, M., Hu, R., Morley, C., Fujii, Y., Kane, S., Maley, M., del Genio, A., Karalidi, T., Komacek, T., Mamajek, E., Mandell, A., Domagal-Goldman, S., Barman, T., Boss, A., Breckinridge, J., Crossfield, I., Danchi, W., Ford, E., Iro, N., Kasting, J., Lowrance, P., Madhusudhan, N., McElwain, M., Moore, W., Pascucci, I., Plavchan, P., Roberge, A., **Schneider, G.**, Showman, A., & Turnbull, M. 2017, "Exploring Other Worlds: Science Questions for Future Direct Imaging Missions", *ExoPAG SAG 15* Final Report
- 6S. **Schneider, G.**, Lozi, J., Guyon, O., Newman, K., Belikov, R., Sirbu, D., Lynch, D., Zell, P., Thomas, S., Pluznik, E., Witteborn, F., Bendek, E., Hix, T., & Nordt, A. 2015, "EXCEDE Technology Milestone #2: Broadband Contrast Demonstration Final Report", NASA/JPL Document D-95432 (delivered to the *NASA Exoplanet Exploration Program Office*, NASA HQ, 22 September 2015)
- 7S. **Schneider, G.**, Lozi, J., Guyon, O., Newman, K., Belikov, R., Lynch, D., Zell, P., Thomas, S., Pluznik, E., Witteborn, F., Bendek, E., Hix, T., & Nordt, A. 2015, "EXCEDE Technology Milestone #2: Broadband Contrast Demonstration", NASA/JPL Document D-94365 (delivered to the *NASA Exoplanet Exploration Program Office*, NASA HQ, 27 January 2015)
- 8S. **Schneider, G.** 2014, "A Quick Study of Science Return from Direct Imaging Exoplanet Missions: Detection and Characterization of Circumstellar Material with an AFTA or EXO-C/S CGI" (delivered to the *NASA Exoplanet Exploration Program Office*, NASA HQ, 14 November 2014)
- 9S. **Schneider, G.**, Belikov, R., Thomas, S., Pluznik, E., Lozi, J., Davis, P., Lynch, D., Greene, T., Guyon, O., Smith, E., Greene, T., & Tenerelli, D. 2012, "EXCEDE Technology Milestone #1: Monochromatic Contrast Demonstration Completion Report", NASA/JPL Document D-81372 (delivered to the *NASA Exoplanet Exploration Program Office*, NASA HQ, 02 December 2013)
- 10S. **Schneider, G.**, Guyon, O., Belikov, R., Greene, T., & Tenerelli, D. 2012, "EXCEDE Technology Milestone #1: Monochromatic Contrast Demonstration", NASA/JPL Document D-75787 (delivered to the *NASA Exoplanet Exploration Program Office*, NASA HQ, 01 December 2012)
- 11S. **Schneider, G.**, Hines, D., Angel, R., Close, L., Grady, C., Kalas, P., Kuchner, M., Meyer, M., Weinberger, A., Whitney, B., Wyatt, M., Prout, M., & Mikula, J. 2009, "The EXoplanetary Circumstellar Environments and Disk Explorer (EXCEDE)", a future mission response to an RFI submitted to the *Astro2010 Decadal Program Subcommittee*
- 12S. Green, T., Cahoy, K., Guyon, O., Kastings, J., Marley, M., Meyer, M., Ridgway, S., **Schneider, G.**, Traub, W., & Woolf, N. 2009, "Discovering and Characterizing Planetary Systems of Nearby Stars: The Scientific Need for Medium Aperture Space Coronagraph Observations", a Science "white paper" submitted to the *Astro 2010 Planetary Systems and Star Formation Science Frontier Panel*
- 13S. Levine, M., ... **Schneider, G.**, & 64 co-authors. 2009, "Overview of Technologies for Direct Optical Imaging of Exoplanets", a Science "white paper" submitted to the *Astro 2010 Planetary Systems and Star Formation Science Frontier Panel*.
- 14S. Wiklind, T., Barker, E., Bergeron, E., Dahlen, T., de Jong, R., Koekemore, A., Prizkal, N., **Schneider, G.**, Thatte, D., Thompson, R., Vianna, A., & Wheeler, T. 2008, "Summary of NICMOS SMOV4 Plans", *NICMOS ISR 2008-008* (STScI)
- 15S. Hines, D. C., Shkuratov, Y., Kreslavsky, M., **Schneider, G.**, Videen, G., Sitko, M., Hammel, H. B., & Wolff, M. 2008, "Probing the Lunar Surface Using Spatially Resolved Optical and Near-IR Imaging Polarimetry with HST/ACS and HST/NICMOS", a "white paper" in response to *Lunar Science with HST* initiative solicited by STScI.
- 16S. **Schneider, G.**, Schultz, A., Malhorta, S., & Dashechsky, I. 2005, "NICMOS Two Gyro Mode Coronagraphic Performance", *NICMOS ISR 2005-001* (STScI)
- 17S. Black, D. C., Dressler, A., Kenicutt, R. C., Miley, G., Oegerly, W. R., **Schneider, G.**, & Shull, J. M. 2003, "Final Report of the Hubble Space Telescope Post-SM4 Scientific Review Panel", a Requested Congressional

Scientific Advisory Study Delivered to NASA Headquarters on 25 April 2003.

- 18S. **Schneider, G.**, & 13 contributors 2002, "Domains of Observability in the Near-InfraRed with HST/NICMOS and (Adaptive Optics Augmented) Large Ground-Based Telescopes", a summary study solicited by STScI in preparation for HST Cycle 12 and beyond (31 December 2002)
- 19S. Schultz, A. B., **Schneider, G.**, Roye, E., & Malhorta, S. 2002, "SM3B NICMOS Focus Check", *NICMOS ISR 2002-002b* (STScI)
- 20S. **Schneider, G.** 2000, "Results from the NCC/NICMOS Spare Detector June 2000 EMI Test", *NICMOS ISR 2000-006* (STScI)
- 21S. Boker, T., Ferro, A., Holfeltz, S. T., Hubbard, P., Jarrell, D., Monroe, B., Oneil, R. O., **Schneider, G.**, & Sosey, M. 2000, "NICMOS Dark Current Anomaly: Test Results", *NICMOS ISR 2000-002* (STScI)
- 22S. **Schneider, G.** 1998, "EMI Noise Properties of the NICMOS Cooling System as Seen by a NICMOS-3 Flight Spare Detector", delivered to *NASA Goddard Space Flight Center and STScI* (1 May 1998)
- 23S. Schultz, A. B., Noll, K., Storrs, A., Fraquelli, D., Ellis, T., & **Schneider, G.** 1999, "NICMOS Mode-1 Coronagraphic Acquisition", *NICMOS ISR 1998-019* (STScI)
- 24S. Morrow, G., **Schneider, G.**, & 15 additional board members. 1997, "Final Report of the NICMOS Dewar Anomaly Review Board", delivered to the *NASA Goddard Space Flight Center*

Catalogs (5)

- 1C. **Schneider, G.**, Hershey, J. L., & Wenz, M. T. 1998, "New Double Stars from HST", *VizieR On-line Data Catalog: J/PASP/110/1012*
- 2C. Dong, H., Wang, Q. D., Cotera, A., Stolovy, S., Morris, M. R., Mauerhan, J., Mills, E. A., **Schneider, G.**, Calzetti, D., & Lang, C. 2012, HST/NICMOS Galactic Center survey catalogue (Dong+, 2011), *VizieR On-line Data Catalog: J/MNRAS/417/114*
- 3C. Zhou, Y, Apai, D., **Schneider, G.**, Marley, M. S., & Showman, A. P. 2016, "HST/WFC3 NIR photometry of 2M1207b" (Zhou+, 2016), *VizieR Online Data Catalog: J/ApJ/818/176*
- 4C. Manjavacas, E., Apai, D., Zhou, Y., Lew, B. W. P., **Schneider, G.**, Metchev, S., Miles-Paez, P. A., Radigan, J., Marley, M. S., Cowan, N., Karalidi, T., Burgasser, A. J., Bedin, L. R., Lowrance, P. J., Kauffmann, P. 2019, "VizieR Online Data Catalog: Cloud Atlas: HST/WFC3 NIR spectral library" (Manjavacas+, 2019), *VizieR On-line Data Catalog: J/AJ/157/101*
- 5C. Blunt, S., Endl, M., Weiss, L. M., Cochran, W. D., Howard, A. W., MacQueen, P. J., Fulton, B. J., Henry, G. W., Johnson, M. C., Kosiarek, M. R., Lawson, K. D., Macintosh, B., Mills, S. M., Nielsen, E. L., Petigura, E. A., **Schneider, G.**, Vanderburg, A., Wisniewski, J. P., Wittenmyer, R. A., Brugamyer, E. Caldwell, C., Cochran, A. L., Hatzes, A. P., Hirsch, L. A., Isaacson, H., Robertson, P., Roy, A., Shen, Z. 2019, "VizieR Onlog Data Catalog: Radial velocities and S-index values for HR 5183", *VizieR On-line Data Catalog: J/AJ/158/181*

Other Publications (7)

10. O. Sterne, W. P., East, G., **Schneider, G.**, Treganowen, D., Arpin, P., Osman, J., Espenak, F., Buccini, J., Zoller, A., Peel, R., Gorski, A., Dunham, D., Chandler, D., & Diego, F. 1980, "The Maximum Eclipse - 1980Feb16", *Sky and Telescope*, 59, 383 20.
20. Wood, F. B., Chen, K-Y, **Schneider, G.**, & Giovani, F. 1984, "South Pole Astronomy", *Antarctic Journal of the United States*, 19, 271.
30. **Schneider, G.** 1985, "The Observation and Analysis of Lunar Occultations of Stars with an Emphasis on Improvements to Data Acquisition Instrumentation and Reduction Techniques", *Ph.D. Dissertation*, University of Florida.

40. **Schneider, G.** 1987, "October's Remarkable 'Totality'", *Sky and Telescope*, 73, 222.
50. MacKenty, J. W., Griffiths, R. E., Sparks, W. B., Horne, K., Gilmozzi, R., Ewald, S. P., Ritchie, C. E., Baggett, S. M., Walter, L. E., & **Schneider, G.** 1992, "Hubble Space Telescope Wide Field and Planetary Camera Instrument Handbook", Space Telescope Science Institute.
60. Perrin, M. D., Hines D. C., Wisniewski, J. P., & **Schneider, G.** 2015 "Imaging of Protoplanetary and Debris Disks" in "*Polarimetry of Stars and Planetary Systems*", ed. L. Kolokolova, J. Hough, A-C Levasseuyr-Regourd, Cambridge U. Press
70. Matin, D. N., Ertel, S., **Schneider, G.**, Kamath, D., Choquet, E. 2018, "Two Newly Imaged, Faint Protoplanetary Nebulae from Contrast Enhanced Hubble Images", *Research Notes of the American Astronomical Society*, 2, 219