

## PUBLICATIONS

### Articles in refereed journals:

1. "Late-Type Giants and Supergiants in the Galactic Center," G. Neugebauer, E. E. Becklin, S. Beckwith, K. Matthews, and C. G. Wynn-Williams, *Ap. J. Letters*, **205**, L139 (1976).
2. "Infrared Studies of an Ionization Front Region in the Orion Nebula," E. E. Becklin, S. Beckwith, I. Gatley, K. Matthews, G. Neugebauer, C. Sarazin, and M. W. Werner, *Ap. J.*, **207**, 770 (1976).
3. "Infrared Observations of Monoceros R2," S. Beckwith, N. J. Evans II, E. E. Becklin, and G. Neugebauer, *Ap. J.*, **208**, 390 (1976).
4. "Infrared Observations of Nova Cygni 1975," D. Ennis, E. E. Becklin, S. Beckwith, J. Elias, I. Gatley, K. Matthews, G. Neugebauer, and S. P. Willner, *Ap. J.*, **214**, 478 (1977).
5. "The Energetics of Molecular Clouds. I. Methods of Analysis and Application to the S255 Molecular Cloud," N. J. Evans II, G. N. Blair, and S. Beckwith, *Ap. J.*, **217**, 448 (1977).
6. "New Infrared Objects Associated with OH Masers," N. J. Evans II and S. Beckwith, *Ap. J.*, **217**, 729 (1977).
7. "Detection of Molecular Hydrogen Emission from Five Planetary Nebulae," S. Beckwith, S. E. Persson, and I. Gatley, *Ap. J. Letters*, **219**, L33 (1978).
8. "Molecular Hydrogen Emission from T Tauri Stars," S. Beckwith, I. Gatley, K. Matthews, and G. Neugebauer, *Ap. J. Letters*, **223**, L41 (1978).
9. "Observations of the Molecular Hydrogen Emission from the Orion Nebula," S. Beckwith, S. E. Persson, G. Neugebauer, and E. E. Becklin, *Ap. J.*, **223**, 464 (1978).
10. "Observations of Interstellar Molecular Hydrogen Emission," Ph.D. Thesis, California Institute of Technology (1978).
11. "Type I OH Masers: A Study of Positions, Polarization, Water Masers, Radio Continuum, and Infrared Properties," N. J. Evans II, S. Beckwith, R. L. Brown, and W. Gilmore, *Ap. J.*, **227**, 450 (1979).
12. "Measurements of the Extinction to the Molecular Hydrogen Emission from the Orion Nebula," S. Beckwith, S. E. Persson, and G. Neugebauer, *Ap. J.*, **227**, 436 (1979).
13. "Simultaneous Near Infrared, Far Infrared, and Radio Measurements of OH/IR Stars," M. W. Werner, S. Beckwith, I. Gatley, K. Selgren, G. Berriman, and D. L. Whiting, *Ap. J.*, **239**, 540 (1980).
14. "Molecular Hydrogen Emission in NGC 7027," S. Beckwith, S. E. Persson, G. Neugebauer, and E. E. Becklin, *Astron. J.*, **85**, 886 (1980).
15. "Molecular Hydrogen Emission from W51," S. Beckwith and B. Zuckerman, *Ap. J.*, **255**, 536 (1982).
16. "Interstellar Molecular Hydrogen," J. M. Shull and S. Beckwith, *Ann. Rev. Astron. Astrophys.*, **20**, 163 (1982).
17. "High-Spectral-Resolution Observations of the 7.7-Micron Feature in HD 44179," R. W. Russell, G. Gull, S. Beckwith, and N. J. Evans II, *Publ. A. S. P.*, **94**, 97 (1982).
18. "Observations of the Extinction and Excitation of the Molecular Hydrogen Emission in Orion," S. Beckwith, N. J. Evans II, I. Gatley, G. Gull, and R. W. Russell, *Ap. J.*, **264**, 152 (1983).
19. "High-Velocity Outflow Sources in Molecular Clouds: The Case for Low-Mass Stars," S. Beckwith, A. Natta, and E. E. Salpeter, *Ap. J.*, **267**, 596 (1983).

20. "The Spatial Distribution of Shocked Gas in the Orion Nebula," S. Beck and S. Beckwith, *Ap. J.*, **271**, 175 (1983).
21. "Spectroscopy of Molecular Cloud Sources at 6-7 Microns," N. J. Evans II, J. Carr, S. Beckwith, M. F. Skrutskie, and J. Wyant, *Publ. A. S. P.*, **95**, 648 (1983).
22. "Speckle Interferometry of IRC+10216 in the Fundamental Vibration-Rotation Lines of CO," H. M. Dyck, S. Beckwith, and B. Zuckerman, *Ap. J. Letters*, **271**, L79 (1983).
23. "Ionized Magnesium in the Planetary Nebula NGC 7027," S. Beckwith, Neal J. Evans II, A. Natta, R. W. Russell, and J. Wyant, *Ap. J.*, **277**, 207 (1984).
24. "Star Formation in the Nucleus of NGC 253," S. C. Beck and S. Beckwith, *MNRAS*, **207**, 671 (1984).
25. "Observations of Infrared Hydrogen Recombination Line Emission from External Galaxies," S. Beck, S. Beckwith, and I. Gatley, *Ap. J.*, **279**, 563 (1984).
26. "The Distribution of Shocked Gas in the Bipolar Nebulae CRL 2688 and CRL 618," S. Beckwith, S. Beck, and I. Gatley, *Ap. J.*, **280**, 648, (1984).
27. "Limits on the Infrared and Visual Luminosity of the Intergalactic HI Cloud in Leo," M. F. Skrutskie, M. A. Shure, and S. Beckwith, *Ap. J. Letters*, **282**, L65 (1984).
28. "Near-Infrared Speckle Interferometry of Evolved Stars and Bipolar Nebulae," H. M. Dyck, B. Zuckerman, Ch. Leinert, and S. Beckwith, *Ap. J.*, **287**, 801 (1984).
29. "Discovery of Solar System Size Halos Around Young Stars," S. Beckwith, B. Zuckerman, M. F. Skrutskie, and H. M. Dyck, *Ap. J.*, **287**, 793 (1984).
30. "Faint Photometry of Edge-On Spiral Galaxies: A Search for Massive Halos," M. F. Skrutskie, M. A. Shure, and S. Beckwith, *Ap. J.*, **299**, 303 (1985).
31. "Brightness Distribution of Resonant Line Photons in Spherical Envelopes," A. Natta and S. Beckwith, *Astron. Ap.*, **158**, 310 (1986).
32. "A Study of the Dust Distribution and Extinction Law in Mon R2," A. Natta, S. Beckwith, Neal J. Evans II, S. C. Beck, A. F. M. Morwood, and E. Oliva, *Astron. Ap.*, **158**, 143 (1986).
33. "Molecular Gas in the Type I Seyfert Galaxy NGC 7469: Implications for Nuclear Activity," T. M. Heckman, S. Beckwith, M. Skrutskie, and A. S. Wilson, *Ap. J.*, **305**, 157 (1986).
34. "Small Scale Structure of the Circumstellar Gas of HL Tau and R Mon," S. Beckwith, A. I. Sargent, N. Z. Scoville, C. R. Masson, B. Zuckerman, and T. G. Phillips, *Ap. J.*, **309**, 755 (1986).
35. "Measurements of the Circumstellar Shell Geometry in IRC+10216," H. M. Dyck, B. Zuckerman, R. R. Howell, and S. Beckwith, *Publ. A. S. P.*, **99**, 99 (1987).
36. "Transfer of Resonant Line Photons in Spherically Accelerating Envelopes," S. Beckwith and A. Natta, *Astron. Ap.*, **181**, 57 (1987).
37. "Observations of Infrared Emission Lines and Radio Continuum Emission in Pre-Main-Sequence Objects," N. J. Evans, II, R. M. Levreault, S. Beckwith, and M. F. Skrutskie, *Ap. J.*, **320**, 364 (1987).
38. "Kinematics of the Circumstellar Gas of HL Tauri and R Monocerotis," A. I. Sargent and S. Beckwith, *Ap. J.*, **323**, 294 (1987).
39. "A New Fabry-Perot Interferometer System for Infrared Astronomy," T. M. Herbst and S. Beckwith, *Publ. A. S. P.*, **100**, 635 (1988).
40. "Small-Scale Structure of the Circumstellar Gas around L1551 IRS5," A. I. Sargent, S. Beckwith, J. Keene, and C. Masson, *Ap. J.*, **333**, 936 (1988).

41. "Tomographic Imaging of HL Tauri," S. V. W. Beckwith, A. I. Sargent, C. D. Koresko, and D. A. Weintraub 1989, *Ap. J.*, **343**, 393 (1989).
42. "Diffraction-Limited Infrared Observations of the Young Star Z CMA," C. D. Koresko, S. V. W. Beckwith, and A. I. Sargent, *Astron. J.*, **98**, 1394 (1989).
43. "An Active Stabilization System for Fabry-Perot Interferometers," T. M. Herbst and S. Beckwith, *App. Opt.*, **28**, 5275 (1989).
44. "A Survey for Circumstellar Disks Around Young Stellar Objects," S. Beckwith, A. I. Sargent, R. S. Chini, and R. Güsten, *Astron. J.*, **99**, 924 (1990).
45. "Velocity-Resolved Images of Molecular Hydrogen in the Colliding Galaxy NGC 6240: Evidence of a Global Shock," T. M. Herbst, J. R. Graham, S. Beckwith, K. Tsutsui, B. T. Soifer, and K. Matthews, *Astron. J.*, **99**, 1773 (1990).
46. "Particle Emissivity in Circumstellar Disks," S. V. W. Beckwith and A. I. Sargent, *Ap. J.*, **381**, 250 (1991).
47. "Diffraction Limited Infrared Images of the Binary Star T Tauri," A. M. Ghez, G. Neugebauer, P. W. Gorham, C. A. Haniff, S. R. Kulkarni, K. Matthews, C. D. Koresko, and S. V. W. Beckwith, *Astron. J.*, **102**, 2066 (1991).
48. "An Infrared Companion to Z Canis Majoris," C. D. Koresko, S. V. W. Beckwith, A. M. Ghez, K. Matthews, and G. Neugebauer, *Astron. J.*, **102**, 2073 (1991).
49. "The Molecular Structure Around HL Tauri," A. I. Sargent and S. V. W. Beckwith, *Ap. J. Letters*, **382**, L31 (1991).
50. "An Optical/Infrared Outburst in the Exciting Source of HH 7-11," J. Eisloffel, E. Günther, F. V. Hessman, R. Mundt, R. Poetzel, J. S. Carr, S. Beckwith, and T. P. Ray, *Ap. J. Letters*, **383**, L19 (1991).
51. "A Modified Technique for Calibrating Fabry-Perot Interferometers," T. M. Herbst and S. V. W. Beckwith, *Applied Optics*, **31**, 435 (1992).
52. "The Occurrence and Properties of Disks Around Young Stars," S. V. W. Beckwith and A. I. Sargent, in *Protostars and Planets III*, eds. E. H. Levy and J. Lunine (Tucson: University of Arizona Press), p. 521 (1993).
53. "Infrared Imaging Spectroscopy of the Galactic Center: Distribution and Motions of the Ionized Gas," T. M. Herbst, S. V. W. Beckwith, W. J. Forrest, and J. L. Pipher, *Astron. J.*, **105**, 956 (1993).
54. "Molecular Line Emission from Circumstellar Disks," S. V. W. Beckwith and A. I. Sargent, *Ap. J.*, **402**, 280 (1993).
55. "H<sub>2</sub> Morphology of Young Planetary Nebulae," J. R. Graham, T. M. Herbst, K. Matthews, G. Neugebauer, B. T. Soifer, E. Serabyn, and S. Beckwith, *Ap. J. Letters*, **408**, L105 (1993).
56. "Infrared Imaging of the Galactic Center and the Search for Sagittarius A\*," T. M. Herbst, S. V. W. Beckwith, and Mark Shure, *Ap. J.*, **411**, L21 (1993).
57. "Accurate Measurement of the Displacement between the Line and Continuum Emitting Region in Lk H $\alpha$  101," M. F. Skrutskie, L. Prato, S. Beckwith, and T. M. Herbst, *Astron. J.*, **106**, 747 (1993).
58. "A Spatially Resolved Photodissociation Region in the Planetary Nebula NGC 7027," J. R. Graham, E. Serabyn, T. M. Herbst, K. Matthews, G. Neugebauer, B. T. Soifer, T. D. Wilson, and S. V. W. Beckwith, *Astron. J.*, **105**, 250 (1993).
59. "Infrared Images of Monoceros R2 IRS 3," C. D. Koresko, S. Beckwith, A. M. Ghez, K. Matthews, T. M. Herbst, and D. A. Smith, *Astron. J.*, **105**, 1481 (1993).

60. "Gas and Dust in the Pre-Main Sequence Multiple System GG Tauri," D. W. Koerner, A.I. Sargent, and S. V. W. Beckwith, *Ap. J. Letters*, **408**, L93 (1993).
61. "Composition and Radiative Properties of Grains in Molecular Clouds and Accretion Disks," J. B. Pollack, D. Hollenbach, D. P. Simonelli, S. V. W. Beckwith, T. Roush, and W. Fong, *Ap. J.*, **421**, 615 (1993).
62. "A Rotating Gaseous Disk Around GM Aurigae," D. W. Koerner, A. I. Sargent, and S. V. W. Beckwith, *Icarus*, **106**, 2 (1993).
63. "The Detection and Study of Pre-planetary Disks," A. I. Sargent and S. V. W. Beckwith, *Astrophysics and Space Science*, **212**, 181 (1994).
64. "High Resolution Continuum and Br $\gamma$  Imaging Observations of M82," J. E. Larkin, J. R. Graham, K. Matthews, B. T. Soifer, S. Beckwith, T. M. Herbst, and A. C. Quillen, *Ap. J.*, **420**, 159 (1994).
65. "Searches for Primeval Galaxies in the Near Infrared," D. Thompson, S. Djorgovski, and S. V. W. Beckwith, *Astron. J.*, **107**, 1 (1994).
66. "Measurements of millimeter-wave absorption coefficients in silicate grains," N. I. Agladze, A. J. Sievers, S. A. Jones, J. M. Burlitch, and S. V. W. Beckwith, *Nature*, **372**, 243 (1994).
67. "Millimeter-wave Continuum Measurements of T Tauri Stars," M. Osterloh and S. V. W. Beckwith, *Ap. J.*, **439**, 288 (1995).
68. "Evidence for Dust Around Post T Tauri Stars," T. P. Ray, A. I. Sargent, S. V. W. Beckwith, C. Koresko, and P. Kelly, *Ap. J. Letters*, **440**, L89 (1995).
69. "Infrared Line Emission from High-redshift Galaxies I: Calculations," F. Mannucci & S. V. W. Beckwith, *Ap. J.*, **442**, 569 (1995).
70. "The young Herbig Ae/Be star LkH $\alpha$  349," F. V. Hessman, S. V. W. Beckwith, R. Bender, J. Eisloffel, W. Götz, and E. Günther, *Astron. Ap.*, **299**, 464 (1995).
71. "Vertical Disk Structure in HL Tauri," S. V. W. Beckwith and Ch. Birk, *Ap. J. Letters*, **449**, L59 (1995).
72. "A Near Infrared Spectral Imaging Study of T Tau," T. M. Herbst, S. V. W. Beckwith, A. Glindemann, L. E. Tacconi-Garman, H. Kroker, and A. Krabbe, *Astron. J.*, **111**, 2403 (1996).
73. "Laboratory Results on Millimeter-wave Absorption in Silicate Grain Materials at Cryogenic Temperatures," N. I. Agladze, A. J. Sievers, S. A. Jones, J. M. Burlitch, and S. V. W. Beckwith, *Ap. J.*, **462**, 1026 (1996).
74. "Near Infrared Imaging Spectroscopy of IRAS FSC10214+4724: Evidence for a starburst region around an AGN at  $z=2.3$ ," H. Kroker, R. Genzel, A. Krabbe, L. E. Tacconi-Garman, M. Tecza, N. Thatte, and S. V. W. Beckwith, *Ap. J. Letters*, **463**, L55 (1996).
75. "Disks, Stars, and the Search for Neighboring Planetary Systems," S. V. W. Beckwith and A. I. Sargent, *Nature*, **383**, 139 (1996).
76. "Young Stars and their Surroundings," C. R. O'Dell and S. V. W. Beckwith, *Science*, **276**, 1355 (1997).
77. "A Narrowband Imaging Survey for High Redshift Galaxies in the Near Infrared," D. Thompson, F. Mannucci, and S. V. W. Beckwith, *Astron. J.*, **112**, 1794 (1996).
78. "Wind-Disk-Ambient Cloud Interactions in the Near Environment of T Tauri," T. M. Herbst, M. Robberto, and S. V. W. Beckwith, *Astron. J.*, **114**, 744 (1997).

79. "A New Molecular Hydrogen Outflow in Serpens," T. M. Herbst, S. Beckwith, and M. Robberto, *Ap. J. Letters*, **486**, L59 (1997).
80. "The Transitional PMS Object DI Tauri: Evidence for a Substellar Companion and Rapid Disk Dissipation," M. R. Meyer, S. V. W. Beckwith, T. M. Herbst, & M. Robberto, *Ap. J. Letters*, **489**, L173 (1997).
81. "Detection of candidate Ly- $\alpha$  emitting galaxies at redshift 5.7," E. Thommes, K. Meisenheimer, R. Fockenbrock, H. Hippelein, H.-J. Röser, and S. Beckwith, *M.N.R.A.S.*, **293**, L6 (1998).
82. "Binary Stars in the Orion Trapezium Cluster Core," M. G. Petr, S. V. W. Beckwith, V. Coude du Foresto, A. Richichi, & M. J. McCaughrean, *Ap. J.*, **500**, 825 (1998).
83. "Infrared Emission-line Galaxies Associated with Damped Ly $\alpha$  and Strong Metal Absorber Redshifts," F. Mannucci, D. Thompson, S. V. W. Beckwith, and G. M. Williger, *Ap. J.*, **501**, L11 (1998).
84. "An Infrared Emission Line Galaxy at  $z=2.43$ ," S. V. W. Beckwith, D. Thompson, F. Mannucci, & S. G. Djorgovski, *Ap. J.*, **504**, 107 (1998).
85. "Discovery of three very distant L and M dwarfs," C. Wolf, R. Mundt, D. Thompson, F. Chaffee, S. V. W. Beckwith, R. Fockenbrock, J. Fried, H. Hippelein, J. -S. Huang, B. von Kuhlmann, Ch. Leinert, K. Meisenheimer, S. Phleps, H. -J. Röser, & E. Thommes, *Astron. Astrophys.*, **338**, 127 (1998).
86. "Candidate Ly- $\alpha$  emitting galaxies at  $z=5.7$  revised," E. Thommes, K. Meisenheimer, H.-J. Röser, F. Chaffe, S. Beckwith, R. Fockenbrock, & H. Hippelein, *MNRAS*, **239**, L6 (1998).
87. "Did Most High-Redshift Quasars Escape Detection?" C. Wolf, K. Meisenheimer, S. V. W. Beckwith, R. Fockenbrock, H. Hippelein, B. von Kuhlmann, S. Phleps, & E. Thommes, *Astron. Astrophys.*, **343**, 399 (1999).
88. "The Surface Density of Extremely Red Objects," D. Thompson, S. V. W. Beckwith, R. Fockenbrock, J. Fried, H. Hippelein, U. Hopp, J. -S. Huang, Ch. Leinert, K. Meisenheimer, S. Phleps, H. -J. Röser, E. Thommes, & C. Wolf, *Ap. J.*, **523**, 100 (1999).
89. "Constraints on the Space Density of Methane Dwarfs and the Substellar Mass Function from a Deep Near-Infrared Survey," T. M. Herbst, D. Thompson, R. Fockenbrock, H.-W. Rix, S. V. W. Beckwith, *Ap. J. Letters*, **526**, L17 (1999).
90. "ALFA: The MPIA/MPE Laser Guide Star AO System," A. Eckart, S. Hippler, A. Glindemann, W. Hackenberg, Q. Quirrenbach, P. Kalas, M. Kasper, R. I. Davies, T. Ott, S. Rabien, D. Butler, H.-C. Holstenberg, D. Looze, R.-R. Rohloff, K. Wagner, N. Wilnhammer, D. Hamilton, S. V. W. Beckwith, I. Appenzeller, & R. Genzel, *Exp. Astron.*, **10**, 1 (2000).
91. "Silicate Emission in T Tauri Stars: Evidence for Disk Atmospheres?" A. Natta, M. R. Meyer, & S. V. W. Beckwith, *Ap. J.*, **534**, 838 (2000).
92. "Dust Properties and Assembly of Large Particles in Protoplanetary Disks," S. V. W. Beckwith, Th. Henning, & Y. Nakagawa, in *Protostars and Planets IV*, eds. V. Mannings, A. P. Boss, & S. S. Russell (Tucson: University of Arizona Press) (2000), p. 533.
93. "Multi-color classification in the Calar Alto deep imaging survey," C. Wolf, K. Meisenheimer, H.-J. Röser, S. V. W. Beckwith, F. H. Chaffee, Jr., J. Fried, H. Hippelein, J.-S. Huang, M. Kümmel, B. von Kuhlmann, C. Maier, S. Phleps, H.-W. Rix, E. Thommes, & D. Thompson, *Astron. Astrophys.*, **365**, 681 (2001).
94. "The Calar Alto Deep Imaging Survey: K-Band Galaxy Number Counts," Huang, J.-S., Thompson, D., Kümmel, M. W., Meisenheimer, K., Wolf, C. Beckwith, S. V. W., Fockenbrock, R., Fried, J. W.,

- Hippelein, H., von Kuhlmann, B., Phelps, S., Röser, H.-J., & Thommes, E., *Astron. Astrophys.*, **368**, 787 (2001).
95. "Discovery of Reflection Nebulosity around Five Vega-like Stars," Kals, P., Graham, J. R., Beckwith, S. V. W., Jewitt, D. C., and Lloyd, J. P., *Ap. J.*, **567**, 999 (2002).
  96. "The Infrared Emission of Circumstellar Envelopes, Dark Silhouettes and Photoionized Disks in HII Regions," M. Robberto, S. V. W. Beckwith, & N. Panagia, *Ap. J.*, **578**, 897 (2002).
  97. "The Formation and Evolution of Planetary Systems: First Results from a Spitzer Legacy Science Program," M.R. Meyer, L.A. Hillenbrand, D.E. Backman, S.V.W. Beckwith, J. Bouwman, T.Y. Brooke, J.M. Carpenter, M. Cohen, U. Gorti, T. Henning, D.C. Hines, D. Hollenbach, J.S. Kim, J. Lunine, R. Malhotra, E.E. Mamajek, S. Metchev, A. Moro-Martin, P. Morris, J. Najita, D.L. Padgett, J. Rodmann, M.D. Silverstone, D.R. Soderblom, J.R. Stauffer, E.B. Stobie, S.E. Strom, D.M. Watson, S.J. Weidenschilling, S. Wolf, E. Young, C.W. Engelbracht, K.D. Gordon, K. Misselt, J. Morrison, J. Muzerolle, & K. Su, *Ap. J. Suppl.*, **154**, 422 (2004)
  98. "GEMS Imaging of Red-Sequence Galaxies at  $z \sim 0.7$ : Dusty or Old?" E. F. Bell, D. H. McIntosh, M. Barden, C. Wolf, J. A. R. Caldwell, H.-W. Rix, S. V. W. Beckwith, A. Borch, B. Häußler, K. Jahnke, S. Jogee, K. Meisenheimer, C. Peng, S. F. Sánchez, R. S. Somerville, L. Wisotzki, *Ap. J.*, **600**, 11 (2004)
  99. "Hubble Space Telescope WFPC2 Study of the Trapezium Cluster: The Influence of Circumstellar Disks on the Initial Mass Function," M. Robberto, J. Song, G. Mora Carrillo, S. V. W. Beckwith, R. B. Makidon, & N. Panagia, *Ap. J.*, **606**, 952 (2004)
  100. "GEMS: Galaxy Evolution from Morphologies and SEDs," H.-W. Rix, M. Barden, S. V.W. Beckwith, E. F. Bell, J. A. R. Caldwell, B. Häußler, K. Jahnke, S. Jogee, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, S. F. Sánchez, R. S. Somerville, L. Wisotzki, & C. Wolf, *Ap. J. Suppl.*, **152**, 163 (2004)
  101. "The Formation and Evolution of Planetary Systems: First Results from a Spitzer Legacy Science Program," M. R. Meyer, L. A. Hillenbrand, D. E. Backman, S. V. W. Beckwith, J. Bouwman, T. Y. Brooke, J. M. Carpenter, M. Cohen, U. Gorti, T. Henning, D. C. Hines, D. Hollenbach, J. S. Kim, J. Lunine, R. Malhotra, E. E. Mamajek, S. Metchev, A. Moro-Martin, P. Morris, J. Najita, D. L. Padgett, J. Rodmann, M. D. Silverstone, D. R. Soderblom, J. R. Stauffer, E. B. Stobie, S. E. Strom, D. M. Watson, S. J. Weidenschilling, S. Wolf, E. Young, C. W. Engelbracht, K. D. Gordon, K. Misselt, J. Morrison, J. Muzerolle, & K. Su, *Ap. J. Suppl.*, **154**, 422 (2004)
  102. "Colors of AGN host galaxies at  $0.5 < z < 1.1$  from GEMS," S. F. Sánchez, K. Jahnke, L. Wisotzki, D. H. McIntosh, E. F. Bell, M. Barden, S. V. W. Beckwith, A. Borch, J. A. R. Caldwell, B. Häußler, S. Jogee, K. Meisenheimer, C. Y. Peng, H.-W. Rix, R. S. Somerville, & C. Wolf, *Ap. J.*, **614**, 586 (2004)
  103. "Bar Evolution Over the Last Eight Billion Years: A Constant Fraction of Strong Bars in GEMS," S. Jogee, F. D. Barazza, H.-W. Rix, I. Shlosman, M. Barden, C. Wolf, J. Davies, I. Heyer, S. V.W. Beckwith, E. F. Bell, A. Borch, J. A. R. Caldwell, C. J. Conselice, T. Dahlen, B. Häußler, C. Heymans, K. Jahnke, J. H. Knapen, S. Laine, G. M. Lubell, B. Mobasher, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, S. Ravindranath, S. F. Sánchez, R. S. Somerville, & L. Wisotzki, *Ap. J. Lett.*, **615**, L105 (2004)
  104. "Ultraviolet light from young stars in GEMS quasar host galaxies at  $1.8 < z < 2.75$ ," K. Jahnke, S. F. Sánchez, L. Wisotzki, M. Barden, S. V. W. Beckwith, E. F. Bell, A. Borch, J. A. R. Caldwell, B. Häußler, S. Jogee, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, H.-W. Rix, R. S. Somerville, & C. Wolf, *Ap. J.*, **614**, 568 (2004)
  105. "The Orion Nebula in the mid-IR," M. Robberto, S. V. W. Beckwith, N. Panagia, S. G. Patel, T. M. Herbst, S. Lorigi, A. Custo, P. Boccacci, & M. Bertero, *Astron. J.*, **129**, 1534 (2005)

106. "Cosmological weak lensing with the HST GEMS survey," C. Heymans, M. L. Brown, M. Barden, J. A. R. Caldwell, K. Jahnke, H.-W. Rix, A. Taylor, S. V. W. Beckwith, E. F. Bell, A. Borch, B. Häußler, S. Jogee, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, S. F. Sánchez, R. S. Somerville, L. Wisotzki, & C. Wolf, *MNRAS*, **361**, 160 (2005)
107. "GEMS: Which Galaxies Dominate the  $z\sim 0.7$  Ultraviolet Luminosity Density?" C. Wolf, E. F. Bell, D. H. McIntosh, H.-W. Rix, M. Barden, S. V. W. Beckwith, A. Borch, J. A. R. Caldwell, B. Haeussler, C. Heymans, K. Jahnke, S. Jogee, K. Meisenheimer, C. Y. Peng, S. F. Sánchez, R. S. Somerville, & L. Wisotzki, *Ap. J.*, **630**, 771 (2005)
108. "The Evolution of Early-type Red Galaxies with the GEMS Survey: Luminosity-size and Stellar Mass-size Relations since  $z=1$ ," D. H. McIntosh, E. F. Bell, H.-W. Rix, C. Wolf, C. Heymans, C. Y. Peng, R. S. Somerville, M. Barden, S. V. W. Beckwith, A. Borch, J. A. R. Caldwell, B. Häußler, K. Jahnke, S. Jogee, K. Meisenheimer, S. F. Sánchez, & L. Wisotzki, *Ap. J.*, **632**, 191 (2005)
109. "Thermal response of Iapetus to an eclipse by Saturn's rings," Neugebauer, G., K. Matthews, P. D. Nicholson, B. T. Soifer, I. Gatley, & S. V. W. Beckwith, *Icarus*, **177**, 63 (2005)
110. "Weak lensing studies from space with GEMS," Heymans, C., M. L. Brown, M. Barden, J. Caldwell, B. Häußler, K. Jahnke, H.-W. Rix, S. Beckwith, E. F. Bell, A. Borch, S. Jogee, D. H. McIntosh, K. Meisenheimer, C. Peng, S. Sánchez, R. Somerville, A. N. Taylor, L. Wisotzki, C. Wolf, *New Astronomy Reviews*, **49**, 392 (2005)
111. "GEMS: The Surface Brightness and Surface Mass Density Evolution of Disk Galaxies," M. Barden, H.-W. Rix, R. S. Somerville, E. F. Bell, B. Häußler, C. Y. Peng, A. Borch, S. V. W. Beckwith, J.A.R. Caldwell, C. Heymans, K. Jahnke, S. Jogee, D. H. McIntosh, K. Meisenheimer, S. F. Sánchez, L. Wisotzki, C. Wolf, *Ap. J.*, **635**, 959 (2005)
112. "Dry Mergers in GEMS: The Dynamical Evolution of Massive Early-Type Galaxies," E. F. Bell, T. Naab, D. H. McIntosh, R. S. Somerville, J.A.R. Caldwell, M. Barden, C. Wolf, H.-W. Rix, S. V. W. Beckwith, A. Borch, B. Häußler, C. Heymans, K. Jahnke, S. Jogee, S. Kopolov, K. Meisenheimer, C. Y. Peng, S. F. Sánchez, L. Wisotzki, *Ap. J.*, **640**, 241 (2006)
113. "A weak lensing estimate from GEMS of the virial to stellar mass ratio in massive galaxies to  $z\sim 0.8$ ," C. Heymans, E. F. Bell, H.-W. Rix, M. Barden, A. Borch, J. A. R. Caldwell, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, C. Wolf, S. V. W. Beckwith, B. Häußler, K. Jahnke, S. Jogee, S. F. Sánchez, R. Somerville, L. Wisotzki, *MNRAS*, **371**, 60 (2006)
114. "The Hubble Ultra Deep Field," S. V. W. Beckwith, M. Stiavelli, A. M. Koekemoer, J. Caldwell, H. C. Ferguson, R. Hook, R. A. Lucas, L. E. Bergeron, M. Corbin, S. Jogee, N. Panagia, M. Robberto, P. Royle, R. S. Somerville & M. Sosey, *Astron. J.*, **132**, 1729 (2006)
115. "Mid-IR Observations of T Tauri stars: Probing the Star-Disk Connection in Rotational Evolution," P. Kundurthy, M. R. Meyer, M. Robberto, S. V. W. Beckwith, *Astron. J.*, **132**, 2469 (2006)
116. "The Formation and Evolution of Planetary Systems: Placing Our Solar System in Context with Spitzer," M. R. Meyer, L. A. Hillenbrand, D. Backman, S. Beckwith, J. Bouwman, T. Brooke, J. Carpenter, M. Cohen, S. Cortes, N. Crockett, and 25 coauthors, *PASP*, **118**, 1690 (2006)
117. "The UDF05 Follow-up of the HUDF: I. The Faint-End Slope of the Lyman-Break Galaxy Population at  $z \sim 5$ ," P. A. Oesch, M. Stiavelli, C. M. Carollow, L. E. Bergeron, A. M. Koekemoer, R. A. Lucas, C. M. Pavlovsky, M. Trenti, S. J. Lilly, S. V. W. Beckwith, T. Dahlen, H. C. Ferguson, J. P. Gardner, C. Lacey, B. Mobasher, N. Panagia, and H.-W. Rix, *Ap. J.*, **671**, 1212 (2007)
118. "GEMS: Galaxy Fitting Catalogs and Testing Parametric Galaxy Fitting Codes: GALFIT and GIM2D," B. Haeussler, D. H. McIntosh, M. Barden, E. F. Bell, H.-W. Rix, A. Borch, S. V. W. Beckwith, J. A. R. Caldwell, C. Heymans, K. Jahnke, S. Jogee, S. E. Kopolov, K. Meisenheimer, S. F. Sánchez, L. Wisotzki, C. Wolf, *Ap. J. Supp.*, **172**, 615 (2007)

119. "An Explanation for the Observed Weak Size Evolution of Disk Galaxies," R. S. Somerville, M. Barden, H.-W. Rix, E. F. Bell, A. Borch, S. V. W. Beckwith, J. A. R. Caldwell, B. Häußler, C. Heymans, K. Jahnke, S. Jogee, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, S. F. Sánchez, L. Wisotzki, C. Wolf, *Ap. J.*, **672**, 776 (2008)
120. "GEMS Survey Data and Catalog," J. A. R. Caldwell, D. H. McIntosh, H.-W. Rix, M. Barden, S. V. W. Beckwith, E. F. Bell, A. Borch, C. Heymans, B. Häußler, K. Jahnke, S. Jogee, K. Meisenheimer, C. Y. Peng, S. F. Sánchez, R. S. Somerville, L. Wisotzki, C. Wolf, *Ap. J. Supp.*, **174**, 136 (2008)
121. "Detecting Life-bearing Extra-solar Planets with Space Telescopes," S. V. W. Beckwith, *Ap. J.*, **684**, 1404 (2008)
122. "The UDF05 Follow-Up of the Hubble Ultra Deep Field. II. Constraints on Reionization from Z-Dropout Galaxies," P. A. Oesch, C. M. Carollo, C. M. Stiavelli, M. Trenti, L. E. Bergeron, A. M. Koekemoer, R. A. Lucas, C. M. Pavlovsky, S. V. W. Beckwith, T. Dahlen, H. C. Ferguson, J. P. Gardner, S. J. Lilly, B. Mobasher, N. Panagia, *Ap. J.*, **690**, 1350 (2009)
123. "History of Galaxy Interactions and Their Impact on Star Formation Over the Last 7 Gyr from GEMS," S. Jogee, S. H. Miller, K. Penner, R. E. Skelton, C. J. Conselice, R. S. Somerville, E. F. Bell, X. Z. Zheng, H.-W. Rix, A. R. Robaina, F. D. Barazza, M. Barden, A. Borch, S. V. W. Beckwith, J. A. R. Caldwell, C. Y. Peng, C. Heymans, D. H. McIntosh, B. Häußler, J. Knud, K. Meisenheimer, R. F. Sánchez, L. Wisotzki, C. Wolf, C. Paovich, *Ap. J.*, **697**, 1971 (2009)
124. "Experimental Design for the Gemini Planet Imager," J. McBride, J. R. Graham, B. Macintosh, S. V. W. Beckwith, C. Marois, L. A. Poyneer, S. J. Wiktorowicz, *P.A.S.P.*, **123**, 692 (2011)
125. "Discovery and spectroscopy of the young jovian planet 51 Eri B with the Gemini Planet Imager," B. Macintosh, J. R. Graham, T. Barman, R. J. De Rosa, Q. Konopacky, M. S. Marley, C. Marois, E. L. Nielsen, L. Pueyo, A. Rajan, J. Rameau, D. Saumon, J. J. Wang, J. Patience, M. Ammons, P. Arriaga, E. Artigau, S. Beckwith, J. Brewster, S. Bruzzone, J. Bulger, B. Burningham, A. S. Burrows, C. Chen, E. Chiang, J. K. Chilcote, R. I. Dawson, R. Dong, R. Doyon, Z. H. Draper, G. Duchêne, T. M. Esposito, D. Fabrycky, M. P. Fitzgerald, K. B. Follette, J. J. Fortney, B. Gerard, S. Goodsell, A. Z. Greenbaum, P. Hibon, S. Hinkley, T. H. Cotton, L.-W. Hung, P. Ingraham, M. Johnson-Groh, P. Kalas, D. Lafreniere, J. E. Larkin, J. Lee, M. Line, D. Long, J. Maire, F. Marchis, B. C. Matthews, C. E. Max, S. Metchev, M. A. Millar-Blanchaer, T. Mittal, C. V. Morley, K. M. Morzinski, R. Murray-Clay, R. Oppenheimer, D. W. Palmer, R. Patel, M. D. Perrin, L. A. Poyneer, R. R. Rafikov, F. T. Rantakyö, E. L. Rice, P. Rojo, A. R. Rudy, J.-B. Ruffio, M. T. Ruiz, N. Sadakuni, L. Saddlemyer, M. Salama, D. Savransky, A. C. Schneider, A. Sivaramakrishnan, I. Song, R. Soummer, S. Thomas, G. Vasisth, J. K. Wallace, K. Ward-Duong, S. J. Wiktorowicz, S. G. Wolff, B. Zuckerman, *Science*, **350**, 64 (2015)

#### Conference proceedings and non-refereed articles:

1. "Observations of Shock Waves in Interstellar Clouds," S. Beckwith, in **Interstellar Molecules**, edited by B. H. Andrew (Reidel:Dordrecht), p. 455 (1980).
2. "The Implications of Molecular Hydrogen Emission," S. Beckwith, in *Infrared Astronomy*, edited by C. G. Wynn-Williams and D. P. Cruikshank (Reidel: Dordrecht), p. 167 (1981).
3. "Recent Progress on Molecular Hydrogen in Orion," S. Beckwith, *Ann. N. Y. Acad. Sci.*, **395**, 118 (1982).
4. "Infrared Spatial Interferometry," S. Beckwith, in *Mass Loss from Red Giant Stars*, ed. M. Morris and B. Zuckerman (Reidel:Dordrecht) (1985).



5. "On the Number of Galactic Planetary Systems," S. Beckwith, in *The Search for Extraterrestrial Intelligence*, ed. M. Papagianis (Reidel:Dordrecht) (1985).
6. "Interferometric Images of HL Tau in  $^{13}\text{CO}$ ," S. Beckwith and A. Sargent, in *Mass Loss from Stars*, ed. I. Appenzeller (Reidel:Dordrecht) (1987).
7. "Molecular Disks Around Young Stars," A. I. Sargent and S. V. W. Beckwith, in *Structure and Dynamics of the Interstellar Medium*, ed. G. Tenorio-Tagle, J. Melnick, and M. Moles (Springer-Verlag: Berlin 1989).
8. "Improved Si:As BIBIB Hybrid Arrays," T. Herter, N. Rowlands, S. V. W. Beckwith, and G. E. Gull, in *Proceedings of the Third Infrared Detector Technology Workshop*, NASA-Ames (1989).
9. "Circumstellar Disks," S. V. W. Beckwith in *The Reference Encyclopedia of Astronomy and Astrophysics*, ed. S. Maran and R. Ubell (Van Nostrand Reinhold, New York) (1991).
10. "Protostellar Disks," S. V. W. Beckwith, in *Structure and Emission Properties of Accretion Disks*, ed. C. Bertout, S. Collin-Souffrin, J. P. Lasota, and J. Tran Thanh Van, (Editions Frontieres:Paris), 33 (1991).
11. "The Search for Forming Planetary Systems," A. I. Sargent and S. V. W. Beckwith, *Physics Today*, **46**, #4, 22 (1993).
12. "The Circumstellar Environment of GG Tau," D. Koerner, A. I. Sargent, and S. V. W. Beckwith, *PASP Conf. Series*, (1993)..
13. "Disks Around T Tauri Stars," A. I. Sargent and S. V. W. Beckwith, in *Astronomy with Millimeter and Submillimeter Wave Interferometry*, eds. M. Morimoto and M. Ishiguro (1993).
14. "The Role of Surveys in Astronomy," S. Beckwith, in *Sky Surveys: Protostars to Protogalaxies*, eds T. Soifer and E. E. Becklin (1993).
15. "Searches for Primeval Galaxies from Palomar," D. Thompson, S. Djorgovski, J. Trauger, and S. Beckwith, in *Sky Surveys: Protostars to Protogalaxies*, eds. T. Soifer and E. E. Becklin (1993).
16. "MAGIC: A New Near Infrared Camera for Calar Alto," T. M. Herbst, S. V. W. Beckwith, C. Birk, S. Hippler, M. J. McCaughrean, F. Mannucci, and J. Wolf, in *Infrared Detectors and Instrumentation*, ed A. M. Fowler, SPIE Conference 1946 (1993).
17. "Protoplanetary Disks," S. V. W. Beckwith, in *Theory of Accretion Disks - 2*, eds. W. Duschl, J. Frank, F. Meyer, E. Meyer-Hofmeister, and W. Tscharnuter, NATO ASI Series (Kluwer: Dordrecht), 1 (1994).
18. "Photodissociation Regions in Young PN," J. R. Graham, T. M. Herbst, S. V. W. Beckwith, K. Matthews, G. Neugebauer, E. Serabyn and B. T. Soifer, in *Infrared Arrays: The Next Generation*, ed. I. S. McLean, **190**, 69 (1994).
19. "Molecular Emission from Circumstellar Disks," S. V. W. Beckwith, D. W. Koerner, and A. I. Sargent, in *The Cold Universe*, eds. T. Montmerle (Editions Frontieres), 277 (1994).
20. "Near Infrared Techniques for Studies of Star Formation," S. V. W. Beckwith, in *Star Formation and Techniques in Infrared and mm-Wave Astronomy*, eds. T.P. Ray and S. Beckwith, Proceedings of the European Astrophysical Doctoral Network Summer School V, Lecture Notes in Physics, (Springer-Verlag:Heidelberg) 157 (1994)
21. "Molecular Emission from Disks Around Young Stars," S. V. W. Beckwith and A. I. Sargent, in *The Structure and Content of Molecular Clouds*, eds. T. L. Wilson and K. J. Johnston, *Lecture Notes in Physics*, (Springer-Verlag:Heidelberg) 242 (1994).

22. "Circumstellar Disks with VLT/VLTI," S. V. W. Beckwith, in *Science with the VLT*, eds. J. R. Walsh and I. J. Danziger, (Springer-Verlag:Heidelberg) 53 (1994).
23. "An Infrared Search for Primeval Galaxies," S. V. W. Beckwith, F. Mannucci, and D. Thompson, in *Galaxies in the Young Universe*, eds. H. Hippelein, K. Meisenheimer and H-J Röser, Lecture Notes in Physics, (Springer-Verlag:Heidelberg) 283 (1995)
24. "Circumstellar matter around post T Tauri stars," T. P. Ray, A. I. Sargent, S. V. W. Beckwith, and C. Koresko, in *Circumstellar disks & planet formation*, eds. R. Ferlet, A. Vidal-Madjar, (Editions Frontières:Gif sur Yvette) (1996).
25. "Observations of Young Stellar Objects with Large Millimeter-wave Arrays," S. V. W. Beckwith, in *Millimeter-wave Astronomy with Large Arrays*, ed. P. Shaver, (Springer-Verlag:Heidelberg) 226 (1996).
26. "The Environments of Pre-Main Sequence Stars: Brown Dwarf Companions and Circumstellar Disk Evolution," M. R. Meyer & S. V. W. Beckwith, to be published in *Brown Dwarfs & Extrasolar Planets*, conference proceedings from 17-21 March 1997 in Tenerife, Spain (1997).
27. "A New Molecular Hydrogen Outflow in Serpens," T. M. Herbst, S. V. W. Beckwith, & M. Robberto, in IAU Symposium 182 *Low Mass Star Formation from Infall to Outflow*, p.135 (1997).
28. "Molecular and Atomic Shocks in the Near Environment of T Tauri," T. M. Herbst, M. Robberto, & S. V. W. Beckwith, in IAU Symposium 182 *Low Mass Star Formation from Infall to Outflow*, p.215 (1997).
29. "Thermal IR Imaging with MAX: Pushing the Limit of Single-Dish Ground Based Observations," M. Robberto, T. M. Herbst, S. V. W. Beckwith, C. Birk, & P. Bizenberger, in *Science with the VLT Interferometer*, ed. F. Paresce, p. 391 (1997).
30. "The Structure of Circumstellar Disks and Envelopes Around Young Stars: New Results from ISO," M.R. Meyer, S.V.W. Beckwith, and A. Natta, Proceedings of IAU Symposium No. 182, p. 224 (1997).
31. "Star Formation and the NGST," S. V. W. Beckwith, in *Science with the NGST*, eds. E. Smith & A. Koratkar, ASP Conference Series, **133**, (1998).
32. "First Results of the Calar Alto Deep Imaging Survey," E. Thommes, S. V. W. Beckwith, R. Fockenbrock, J. Fried, H. Hippelein, U. Hopp, Ch. Leinert, K. Meisenheimer, S. Phleps, H. -J. Röser, D. Thompson, & C. Wolf, in *Large Scale Structure: Tracks and Traces*, eds. V. Mueller, S. Gottloeber, J. P. Muecket, J. Wambsganss, World Scientific, p. 9 (1998).
33. "Seeing Red: Extremely Red Objects from the CADIS K' Survey," D. J. Thompson & S. V. W. Beckwith, in *Large Scale Structure: Tracks and Traces*, eds. V. Mueller, S. Gottloeber, J. P. Muecket, J. Wambsganss, World Scientific, p. 13 (1998).
34. "Circumstellar Disks Around Pre-Main Sequence Stars: What ISO Can Tell Us," A. Natta, M. R. Meyer, & S. V. W. Beckwith, in *Star Formation with the Infrared Space Observatory*, ed. J. Yun & R. Liseau, ASP Conference Series, **132**, 265 (1998).
35. "Diffraction limited spectroscopy with 3D and ALFA – First results," S. Anders, N. Thatte, L. E. Tacconi-Garman, A. Eckart, W. Hackenberg, T. Ott, R. Genzel, S. Hippler, R. -R. Rohloff, & S. Beckwith, Astronomische Gesellschaft Meeting Abstracts, Sept. 14, 1998.
36. "Multicolor Classification in CADIS finds more  $z > 2.2$ -QSOs," C. Wolf, S. V. W. Beckwith, F. H. Chaffee, Jr. R. Fockenbrock, J. Fried, H. Hippelein, J. -S. Huang, B. von Kuhlmann, Ch. Leinert, K. Meisenheimer, H. -J. Röser, S. Phleps, E. Thommes, & D. Thompson, in *Wide Field Surveys in Cosmology*, IAP 1998 conference in Paris (1998).

37. "ISO-PHOT Observations of Circumstellar Disks around Young-Stellar-Objects," M. Robberto, M. R. Meyer, A. Natta, and S. V. W. Beckwith, in *Paris Conference on ISO*, in press (1999).
38. "Circumstellar Disks," S. V. W. Beckwith, in *The Origin of Stars and Planetary Systems*, eds. C. J. Lada & N. D. Kylafis, NATO Science Series, 540, 579 (Kluwer Academic Press, Dordrecht) (1999).
39. "ISO-PHOT Observations of Circumstellar Disks Around YSOs," M. Robberto, S. V. W. Beckwith, M. R. Meyer, A. Natta, in *The Universe as Seen by ISO*, ESA Pub. SP-427 (1999).
40. "Have most high-redshift quasars been overlooked?" C. Wolf, K. Meisenheimer, H. -J. Röser, S. V. W. Beckwith, R. Fockenbrock, H. Hippelein, B. von Kuhlmann, S. Phleps, & E. Thommes, in *Imaging the Universe in Three Dimensions: Astrophysics with Advanced Multi-wavelength Imaging Devices*, eds. W. van Breugel & J. Bland-Hawthorn, ASP Conference Series (2000), p. 398.
41. "Circumstellar Disks," S. V. W. Beckwith, in *Proceedings of Star Formation 1999*, Nagoya, Japan, June 21 - 25, 1999, ed. T. Nakamoto, Nobeyama Radio Observatory, (2000), p. 211.
42. "Circumstellar Disks in Orion: First Results from a Mid-IR Survey," M. Robberto, S. V. W. Beckwith, T. M. Herbst, in *Proceedings of Star Formation 1999*, Nagoya, Japan, June 21 - 25, 1999, ed. T. Nakamoto, Nobeyama Radio Observatory, (2000), p. 231.
43. "Vom Urknall zum Leben – die Entstehung von Komplexität im Universum," S. V. W. Beckwith, in *Wie entstehen neue Qualitäten in komplexen Systemen?* Ed. G. Plehn & R. Gerwin, Vandenhoeck & Ruprecht, Göttingen, (2000), p. 29.
44. "Optical/Near-IR Observations of SGR 1900+14 during the May-June and Aug-Sep 1998 Active Periods," A. J. Castro-Tirado, S. Beckwith, D. Kelson, T. Kerr, C. Lázaro, & S. Madrugá, Gamma-ray BuRsts, 5th Huntsville Symposium, held in Huntsville, Alabama, USA, 18-22 October, 1999. Editors: R. Marc Kippen, Robert S. Mallozzi, Gerald J. Fishman. AIP Conference Series, Vol. 526. American Institute of Physics, Melville, New York (2000), p.821.
45. "Circumstellar Disks and the Prevalence of Life," S. V. W. Beckwith, in *Cosmic Horizons, Astronomy at the Cutting Edge*, eds. S. Soter & N. deGrasse Tyson, New York Press, New York (2001), p 56.
46. "The Next Generation Space Telescope," S. V. W. Beckwith, in *Quasars, AGNs, and Related Research Across 2000*, eds. G. Setti & J.-P. Swings, Springer-Verlag, Berlin (2000), p. 193.
47. "Structure and Evolution of Circumstellar Disks Around Young Stars: New Views from ISO," M. R. Meyer & S. V. W. Beckwith, Ringberg Workshop on IR Surveys, in press (2001).
48. "Pre-main sequence binaries in the Trapezium Cluster," M. G. Petr, S. V. W. Beckwith, V. Coudé di Foresto, A. Richichi, M. J. McCaughrean, & H. Zinnecker, in *The Orion Complex Revisited*, ed. M. J. McCaughrean, ASP Conf. Series, in press (2001).
49. "The Formation and Evolution of Planetary Systems : SIRTf Legacy Science in the VLT Era," M. R. Meyer, D. Backman, S. V. W. Beckwith, T. Y. Brooke, J. M. Carpenter, M. Cohen, U. Gorti, T. Henning L. A. Hillenbrand, D. Hines, D. Hollenbach, J. Lunine, R. Malhotra, E. Mamajek, P. Morris, J. Najita, D. L. Padgett, D. Soderblom, J. Stauffer, S. E. Strom, D. Watson, S. Weidenschilling, and E. Young, in *The Origins of Stars and Planets : The VLT View*, proc. of ESO Workshop in Garching, Germany, p. 463 (2003)
50. "The formation and evolution of planetary systems: placing our solar system in context," D. Backman, S. V. W. Beckwith, J. Carpenter, M. Cohen, T. Henning, L. Hillenbrand, D. Hines, D. Hollenbach, J. Lunine, R. Malhotra, M. Meyer, J. Najita, D. Padgett, D. Soderblom, J. Stauffer, S. Strom, D. Watson, S. Weidenschilling, E. Young, P. Morris, in *Proceedings of the Conference on Towards Other Earths: DARWIN/TPF and the Search for Extrasolar Terrestrial Planets*, eds. M. Fridlund & T. Henning, ESA SP-539, (Noordwijk, Netherlands), p. 349 (2003).

51. "The Local Universe : The Emergence of Life," S. V. W. Beckwith, in *Hubble's Science Legacy: Future Optical/Ultraviolet Astronomy from Space*, eds. K. Sembach, J. C. Blades, G. D. Illingworth, and R. C. Kennicutt, Jr., ASP Conf. Series. **291**, 316 (2003).
52. "Evolution of optically faint AGN from COMBO-17 and GEMS," L. Wisotzki, K. Jahnke, S.F. Sánchez, C. Wolf, M. Barden, E.F. Bell, A. Borch, B. Haussler, K. Meisenheimer, H.-W. Rix, S.V.W. Beckwith, J.A.R. Caldwell, S. Jogee, R.S. Somerville, D.H. McIntosh, & C.Y. Peng, in *Multiwavelength AGN Surveys*, (Cozumel 2003)
53. "Accretion rates in the Trapezium Cluster and the feedback of massive stars on the IMF," Robberto, M., J. Song, G. Mora Carrillo, S. V. W. Beckwith, R. B. Makidon, & N. Panagia, in *The Formation and Evolution of Massive Young Star Clusters*, eds. H.J.G.L.M. Lamers, L.J. Smith, & A. Nota (San Francisco: Astronomical Society of the Pacific), p. 383 (2004)
54. "Space telescopes after the James Webb Space Telescope," S. V. W. Beckwith, *SPIE*, **5166**, 1 (2004.)
55. "Formation and Evolution of Planetary Systems: Placing Our Solar System in Context," M. R. Meyer, L. A. Hillenbrand, D. E. Backman, S. V. W. Beckwith, J. Bouwman, T. Y. Brooke, J. M. Carpenter, M. Cohen, U. Gorti, T. Henning, and 21 coauthors, in *The Dusty and Molecular Universe: A Prelude to Herschel and ALMA*, ed. A. Wilson, ESA Conference Series, p.304 (2004)
56. "Ed, me, and the Interstellar Medium," S. Beckwith, in *The Initial Mass Function at 50*, eds. E. Corbelli and F. Palla, (Dordrecht: Springer), p. 11 (2005)
57. "Massive Star Feedback on the IMF," M. Robberto, J. Song, G. Mora Carrillo, S. V. W. Beckwith, R. B. Makidon, & N. Panagia, in *The Initial Mass Function 50 years later*, eds. E. Corbelli and F. Palle, INAF Osservatorio Astrofisico di Arcetri, Firenze, Italy; H. Zinnecker, Astrophysikalisches Potsdam, Germany. Astrophysics and Space Science Library, V. 327. (Springer, Dordrecht) p.455 (2005)
58. Book Review: *The Last of the Great Observatories: Spitzer and the Era of Faster, Better, Cheaper*, S. V. W. Beckwith, *Nature*, **442**, 139 (2006)
59. "Evolution and Impact of Bars over the Last Eight Billion Years: Early Results from GEMS," S. Jogee, F. D. Barazza, H.-W. Rix, J. Davies, I. Heyer, M. Barden, S. V.W. Beckwith, E. F. Bell, A. Borch, J. A. R. Caldwell, C. Conselice, B. Haussler, C. Heymans, K. Jahnke, J. H. Knapen, S. Laine, G. M. Lubell, B. Mobasher, D. H. McIntosh, K. Meisenheimer, C. Y. Peng, S. Ravindranath, S. F. Sánchez, I. Shlosman, R. S. Somerville, L. Wisotzki, & C. Wolf, in *Penetrating Bars through Masks of Cosmic Dust: The Hubble Tuning Fork Strikes a New Note*, eds. D. Block, K. Freeman, R. Groess, I. Puerari, & E.K. Block (Dordrecht: Kluwer) (2007)
60. "NASA's Roadmap," S. V. W. Beckwith, In Contents and Structures of the Universe (Proceedings of the XLIst Rencontres de Moriond. March 18-25, 2006), Christophe Magneville, Reza Ansari, Jacques Dumarchez and Jean Tran Thanh Van (eds.). The Gioi Publishers. VN-TG-7176-1 (27-9-2006).
61. "The Finite and the Infinite in the Cosmos," S. V. W. Beckwith, in proceedings of the 2006 Rimini meeting, in *La Ragione Esigenza di Infinito*, ed. G. Vittadini, Mondadori Universita, ISBN 9788888242866 (2007)
62. "The Way We Will Be in 50 Years," S. V. W. Beckwith, edited by Mike Wallace, (Nashville:Thomas Nelson) (2008)
63. "Exploring the Impact of Galaxy Interactions over Seven Billion Years with CAS," S. H. Miller, S. Jogee, C. Conselice, K. Penner, E. Bell, X. Zheng, C. Papovich, R. Skelton, R. S. Somerville, H.-W. Rix, F. Barazza, M. Barden, A. Borch, S. V. W. Beckwith, J. A. Caldwell, B. Haeussler, C. Heymans, K. Jahnke, D. McIntosh, K. Meisenheimer, C. Peng, A. Robaina, S. Sánchez, L. Wisotzki, C. Wolf, *ASPC*, **393**, 235 (2008)

64. "Frequency and Impact of Galaxy Mergers and Interactions over the last 7 Gyr," S. Jogee, S. Miller, K. Penner, E. F. Bell, C. Conselice, R. E. Skelton, R. S. Somerville, H.-W. Rix, F. D. Barazza, M. Barden, A. Borch, S. V. W. Beckwith, J. A. Caldwell, B. Haeussler, C. Heymans, K. Jahnke, D. McIntosh, K. Meisenheimer, C. Papovich, C. Peng, A. Robaina, S. Sánchez, L. Wisotzki, C. Wolf, *ASPC*, **296**, 337 (2008)
65. "SPACE: the spectroscopic all-sky cosmic explorer," A. Cimatti, M. Robberto, C. Baugh, S. V. W. Beckwith, and 119 coauthors, *Experimental Astronomy*, **23**, 39 (2009)
66. "The Visible and Near Infrared Domain," S. V. W. Beckwith, *ISSI Scientific Reports Series*, **9**, 113 (2010)

**Edited Books:**

1. "Star Formation and Techniques in Infrared and mm-Wave Astronomy" editors T. P. Ray and S. V. W. Beckwith (Springer-Verlag:Heidelberg) 314 pages (1994).
2. "Disks and Outflows around Young Stars" editors S. V. W. Beckwith, J. Staude, A. Quetz, and A. Natta (Springer-Verlag:Heidelberg) 361 pages + CD ROM (1996).