

Dr. Gerard T. van Belle
Curriculum Vitae

Lowell Observatory
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Experience:

Lowell Observatory, Flagstaff, Arizona. Astronomer, 2011-present. On staff with the observatory with a principal interest in astronomical interferometry with the Navy Prototype Optical Interferometer (NPOI), and high-resolution imaging with the Discovery Channel Telescope (DCT).

European Southern Observatory, Garching bei München, Germany. PRIMA Instrument Scientist, 2007-2011. Responsible for the scientific development and use of the PRIMA (Phase-Referenced Imaging and Microarcsecond Astrometry) facility of ESO's Very Large Telescope Interferometer, including instrument implementation and commissioning. MATISSE Instrument Scientist, 2011. Responsible for the instrument development progress, including development of institutional agreements for budgets and deliverables. Member of the Astronomy faculty at the Associate Astronomer level.

Michelson Science Center, California Institute of Technology, Pasadena, California. Science Community Development Lead, 2002-2007. Responsible for administration of the Michelson Program at the MSC and coordination of scientific use of NASA time of the Keck telescopes. Additional activities include oversight of the Michelson Summer Workshop, MSC web page management, and independent scientific research.

The Jet Propulsion Laboratory, Pasadena, California. Senior Optical Engineer, Interferometry Technology Group, 1996-2002. Beginning with designing the basic optical layout of the Keck Interferometer, duties with KI included delay line and transport optic design, heavy construction of the interferometer facility, ensuing instrument installation, and scientific utilization of the interferometer. Additionally, scientific observations with the Palomar Testbed Interferometer included size and shape characterizations of nearby stars.

Saint Mary's College of Maryland, Saint Mary's City, Maryland. Visiting lecturer, Department of Physics, 1991.

Intermec Corporation, Everett, Washington state. Engineering intern, Product Assurance Department, 1990.

Harvey Mudd College, Claremont, California. Research assistant, Department of Physics, 1989.

Education:

University of Wyoming, Laramie, Wyoming. Ph.D. in Physics 1996. Advisor: H. Melvin Dyck. Dissertation: Angular Size Measurements of Highly Evolved Stars. Made use of the IOTA interferometer to measure the angular sizes and derived quantities, such as effective temperature and linear radius, for highly evolved stars, such as giants, supergiants, and Mira variable stars.

The Johns Hopkins University, Baltimore, Maryland. M.A. in Physics, 1993. Advisor: Paul D. Feldman. Thesis: Analysis of CO₂⁺ Features in Comet P/Halley Derived from Ultraviolet Spectrophotometry by ASTRON. The degree of asymmetry in the distribution of CO₂⁺ emitted from Comet P/Halley's nucleus was measured, both prior to and after perihelion in 1986, observing molecular bands found in the 250-350 nm wavelength regime with the ASTRON spacecraft. Additional work at JHU included engineering support for the sounding rocket program, both on campus and at NASA Wallops Flight Facility.

Whitman College, Walla Walla, Washington state. B.A. with honors in Physics–Astronomy, minor in Mathematics, 1990. Advisor: Katherine Bracher.

Watson Groen Christian School (now known as Shoreline Christian School), Seattle, Washington state. Class of 1986.

Research Teams:

NPOI-VISION Commissioning Team, 2013-present
Lowell Observatory's Principal Investigator for the Navy Optical Interferometer, 2012-present
VLTI PRIMA Instrument Group, ESO, 2007-2011

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CHARA Array MIRC Commissioning Team, 2007
Spitzer Precision MIPS Photometry Team, 2006-2008
“Cataclysmic Variables in the Infrared Cartel”, 2005-present
CHARA Array “Classic” Commissioning Team, 2005
Keck Interferometer Design & Commissioning Team, 1996-2002
Palomar Testbed Interferometer Collaboration 1997-present
IR-Optical Telescope Array (IOTA) group, 1994-8
Johns Hopkins Sounding Rocket Group, 1992-3

Funded Research Proposals:

IAU Travel Grant for IAU Symposium 307, “New Windows on Massive Stars : Asteroseismology, Interferometry, Spectropolarimetry”, 2014-06, 750€
High-Resolution Imaging of Stellar Surfaces, NSF AST-1310800, 2013/10-2016/09, \$77,764 subaward (out of \$555,000 total to PI Anders Jorgensen, NMT)
High Precision, Directly Determined Radii and Effective Temperatures for Giant Stars, NASA NNX13AF01G, 2012/10-2014/09, \$233,800 award
High Precision, Directly Determined Radii and Effective Temperatures for Giant Stars, NSF AST-1212203, 2011/09-2014/08, \$341,760 award
AAS International Travel Grant for IAU General Assembly, 2012-09, \$1,800; and NAI travel grant for IAU GA, \$1,500.
Diameters of Faint M-Dwarfs, NASA Keck Interferometer, PI: G. van Belle, 1 night of Keck-Keck time, 2012A, \$18,000 award
Distances to Eclipsing M Dwarf Binaries, HST Cycle 16 (2007, ID: HST-GO-11213), PI: G. van Belle, 35 orbits, \$135,000 award
Testing Repeatable High-Precision Time Series Photometry with Spitzer: Observations of the Eclipsing Binary GU Bootes, Spitzer DDT (2005-04, ID:GUBOO/259), PI: G. van Belle, 9 hours time, \$11,000 award

Awards:

Lowell Observatory Employee of the Year, December 2013
JPL Edward Stone Award for Outstanding Research Publication, for Altair oblateness article (see 2001 ApJ article in publications list), March 2002
JPL Award for Excellence, as a member of the Keck Interferometer Development Team, for first fringes, May 2001
Outstanding Graduate Research Award, Department of Physics & Astronomy, University of Wyoming, May 1996
Graduated with Honors in Physics-Astronomy, Whitman College, May 1990
Balfour Award, for Outstanding Senior Class Member, from the Gamma Epsilon chapter of the Sigma Chi Fraternity, May 1990

Selected Recent Community Service:

SOC Chair, Cool Stars 18, Flagstaff, 2014
SOC, Cool Stars 17, Barcelona, 2012
IAU Commission 54 (“Optical and Near-Infrared Interferometry”) *President*, 2012-2015, *Vice President*, 2009-2012, *Secretary* 2006-2009
SOC Chair, “*Science with Optical Interferometry*”, Socorro, NM, March 2011
SOC, “*Science Cases for Optical and Infrared Interferometry*”, JENAM Lisbon, Portugal, September 2010
SOC, “*Origin and Fate of the Sun*”, Garching, Germany, March 2010
Board Secretary, *VLTII 2nd Generation Fringe Tracker Design Study Reviews*, June 2010
Board Member, *VLTII Gravity and MATISSE Preliminary Design Review*, December 2009
Member (ESO representative), Blue Dots Team, 2008-2010
Presenter, 2008 and 2010 “On the Fringe” VLTII Training Schools

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Member, NSF Review Panel, 2008

Thesis Committee Member, for various students at Georgia State University and University of Denver, 2008-present

Proceedings Editor, Cool Stars 14 Workshop, 2007

PTI Time Allocation Committee, 2002-2009

Local Organizing Committee Chair, Cool Stars 14 Workshop, Pasadena, 2006

SOC, 2005 Michelson Summer Workshop

Director, 2003, 2004 Michelson Summer Schools

Acting Chairman (non-voting), NASA Keck Time Allocation Committee, 2004A and 2004B semesters

Professional Affiliations:

Full member, American Astronomical Society

Full member, International Astronomical Union

Personal:

Citizenship: U.S.A., Canada

Married, 4 children

Private Pilot - Airplane Single Engine Land

PADI-certified SCUBA diver

Languages: English (fluent), German (basic)

Refereed Journal Articles (as of 29 June 2014; 69 published articles since 1996 with 17 as first author, h-index of 30 with 2,364 citations):

1. "Reinvestigating the Clusters Kaposov 1 and 2", Paust, N., Wilson, D., van Belle, G.T., 2014, *AJ*, 148, 19
2. "Nova-like Cataclysmic Variables in the Infrared", Hoard, D.W., 2014, *ApJ*, 786, 68
3. "Stellar diameters and temperatures - V. 11 newly characterized exoplanet host stars", von Braun, K., 2014, *MNRAS*, 438, 2413
4. "Stellar Diameters and Temperatures. IV. Predicting Stellar Angular Diameters", Boyajian, T.S., et al., 2014, *AJ*, 147, 47
5. "Navy Precision Optical Interferometer Measurements of 10 Stellar Oscillators", Baines, E.K., et al., 2014, *ApJ*, 781, 90
6. "The Keck Interferometer", Colavita, M.M., 2013, *PASP*, 125, 1226
7. "The PTI Carbon Star Angular Size Survey: Effective Temperatures and Non-sphericity", van Belle, G.T., et al., 2013, *ApJ*, 775, 45
8. "Characterization of the Red Giant HR 2582 Using the CHARA Array", Baines, E.K., et al. 2013, *ApJ*, 772, 16
9. "Navy Precision Optical Interferometer Observations of the Exoplanet Host κ Coronae Borealis and Their Implications for the Star's and Planet's Masses and Ages", Baines, E.K., Armstrong, J.T., & van Belle, G.T. 2013, *ApJ*, 771, L17
10. "Stellar Diameters and Temperatures. III. Main-sequence A, F, G, and K Stars: Additional High-precision Measurements and Empirical Relations", Boyajian, T.S., et al. 2013, *ApJ*, 771, 40
11. "Dynamical mass of the O-type supergiant in zeta Orionis A", Hummel, C.A., et al. 2013, *A&A*, 554, A52
12. "Modeling Circumstellar Disks of B-type Stars with Observations from the Palomar Testbed Interferometer", Grzenia, B.J., et al. 2013, *AJ*, 145, 141
13. "The ESPRI project: astrometric exoplanet search with PRIMA. I. Instrument description and performance of first light observations", Sahlmann, J., et al. 2013, *A&A*, 551, A52
14. "Intensity Interferometry for the 21st Century", Horch, E.P., van Belle, G.T., et al., 2013, *JAI*, 2,
15. "The Navy Precision Optical Interferometer (NPOI): An Update", Armstrong, J.T., 2013, *JAI*, 2
16. "Special Issue Introduction", ten Brummelaar, T., Tuthill, P., van Belle, G.T., *JAI*, 2013, *JAI*, 2,

17. "Stellar Diameters and Temperatures. II. Main-sequence K- and M-stars", Boyajian, T.S., et al. 2012, *ApJ*, 757, 112
18. "Fundamental properties of the Population II fiducial stars HD 122563 and Gmb 1830 from CHARA interferometric observations", Creevey, O.L., et al. 2012, *A&A*, 545, A17
19. "The GJ 436 System: Directly Determined Astrophysical Parameters of an M Dwarf and Implications for the Transiting Hot Neptune", von Braun, K., et al. 2012, *ApJ*, 753, 171
20. "Interferometric observations of rapidly rotating stars", van Belle, G.T. 2012, *A&ARv*, 20, 51
21. "Stellar Diameters and Temperatures. I. Main-sequence A, F, and G Stars", Boyajian, T.S., et al. 2012, *ApJ*, 746, 101
22. "55 Cancri: Stellar Astrophysical Parameters, a Planet in the Habitable Zone, and Implications for the Radius of a Transiting Super-Earth", von Braun, K., et al. 2011, *ApJ*, 740, 49
23. "Determination of the stellar parameters of C-rich hydrostatic stars from spectro-interferometric observations", Paladini, C.; van Belle, G. T.; Aringer, B.; Hron, J.; Reegen, P.; Davis, C. J.; Lebzelter, T., 2011, *A&A*, 533 27
24. "The Burrell-Optical-Kepler-Survey (BOKS). I. Survey Description and Initial Results", Feldmeier, John J.; Howell, Steve B.; Sherry, William; von Braun, Kaspar; Everett, Mark E.; Ciardi, David R.; Harding, Paul; Mihos, J. Christopher; Rudick, Craig S.; Lee, Ting-Hui; Kutsko, Rebecca M.; van Belle, Gerard T., 2011, 142, 2
25. "Astrophysical Parameters and Habitable Zone of the Exoplanet Hosting Star GJ 581", von Braun, Kaspar; Boyajian, Tabettha S.; Kane, Stephen R.; van Belle, Gerard T.; Ciardi, David R.; López-Morales, Mercedes; McAlister, Harold A.; Henry, Todd J.; Jao, Wei-Chun; Riedel, Adric R.; Subasavage, John P.; Schaefer, Gail; ten Brummelaar, Theo A.; Ridgway, Stephen; Sturmman, Laszlo; Sturmman, Judit; Mazingue, Jude; Turner, Nils H.; Farrington, Chris; Goldfinger, P. J.; Boden, Andrew F., 2011, *ApJ*, 729, 26
26. "Kepler Observations of Three Pre-launch Exoplanet Candidates: Discovery of Two Eclipsing Binaries and a New Exoplanet", Howell, S.B.; Rowe, J.F.; Sherry, W.; von Braun, K.; Ciardi, D.R.; Bryson, S.T.; Feldmeier, J.J.; Horch, E.; van Belle, G.T., 2010, *ApJ*, 725, 1633
27. "Interferometric astrometry", van Belle, G.T., 2009, *NewAR*, 53, 336
28. "Directly Determined Linear Radii and Effective Temperatures of Exoplanet Host Stars", van Belle, G.T., von Braun, K., 2009, *ApJ*, 694, 1085
29. "Supergiant Temperatures and Linear Radii from Near-Infrared Interferometry", van Belle, G.T., Creech-Eakman, M.J., Hart, A., 2009, *MNRAS*, 394, 1925
30. "Observations of V592 Cassiopeiae with the Spitzer Space Telescope - Dust in the Mid-Infrared", Hoard, D.W., Kafka, S., Wachter, S., Howell, S.B., Brinkworth, C.S., Ciardi, D.R., Szkody, P., Belle, K., Froning, C., van Belle, G.T., 2009, *ApJ*, 693, 236
31. "Closure Phase Signatures of Planet Transit Events", van Belle, G.T., 2008, *PASP*, 120, 617
32. "Spitzer 24-micron Time-Series Observations of the Eclipsing M-dwarf Binary GU Bootis", von Braun, K., van Belle, G.T., Ciardi, D.R., Lopez-Morales, M., Hoard, D.W., Wachter, S., 2008, *ApJ*, 677, 545
33. "The Palomar Testbed Interferometer Calibrator Catalog", van Belle, G. T., van Belle, G., Creech-Eakman, M.J., Coyne, J., Boden, A.F., Akeson, R.L., Ciardi, D.R., Rykoski, K.M., Thompson, R.R., Lane, B.F., The PTI Collaboration, 2008, *ApJS*, 176, 276
34. "Imaging the Surface of Altair", Monnier, John D., Zhao, M., Pedretti, E., Thureau, N., Ireland, M., Muirhead, P., Berger, J.-P., Millan-Gabet, R., van Belle, G. T., ten Brummelaar, T., McAlister, H., Ridgway, S., Turner, N., Sturmman, L., Sturmman, J., Berger, D., 2007, *Science*, 317, 342
35. "Direct Measurement of the Radius and Density of the Transiting Exoplanet HD 189733b with the CHARA Array", Baines, E.K., van Belle, G.T., ten Brummelaar, T.A., McAlister, H.A., Swain, M., Turner, N.H., Sturmman, L., and Sturmman, J., 2007, *ApJ*, 661, L195
36. "The Angular Diameter of λ Boötis", Ciardi, David R., van Belle, Gerard T., Boden, Andrew F., ten Brummelaar, T., McAlister, H. A., Bagnuolo, W. G., Jr., Goldfinger, P. J., Sturmman, J., Sturmman, L., Turner, N., Berger, D. H., Thompson, R. R., and Ridgway, S. T., 2007, *ApJ*, 659, 1623

37. “Spitzer Space Telescope Observations of Magnetic Cataclysmic Variables: Possibilities for the Presence of Dust in Polars”, Brinkworth, C. S., Hoard, D. W., Wachter, S., Howell, S. B., Ciardi, David R., Szkody, P., Harrison, T. E., van Belle, G. T., and Esin, A. A., 2007, *ApJ*, 659, 1541
38. “Measurement of the Surface Gravity of η Boötis”, van Belle, Gerard T., Ciardi, David R., and Boden, Andrew F., 2007, *ApJ*, 657, 1058
39. “Spitzer Space Telescope Observations of Var Her 04: Possible Detection of Dust Formation in a Superoutbursting Tremendous Outburst Amplitude Dwarf Nova”, Ciardi, David R., Wachter, Stefanie, Hoard, D. W., Howell, Steve B., and van Belle, Gerard T., 2006, *AJ*, 132, 1989
40. “First Spitzer Space Telescope Observations of Magnetic Cataclysmic Variables: Evidence of Excess Emission at 3-8 μm ”, Howell, Steve B., Brinkworth, Carolyn, Hoard, D. W., Wachter, Stefanie, Harrison, Thomas, Chun, Howard, Thomas, Beth, Stefaniak, Linda, Ciardi, David R., Szkody, Paula, and van Belle, Gerard T., 2006, *ApJ*, 646, L65
41. “Keck Interferometer Observations of FU Orionis Objects”, Millan-Gabet, R., Monnier, J. D., Akeson, R. L., Hartmann, L., Berger, J.-P., Tannirkulam, A., Melnikov, S., Billmeier, R., Calvet, N., D’Alessio, P., Hillenbrand, L. A., Kuchner, M., Traub, W. A., Tuthill, P. G., Beichman, C., Boden, A., Booth, A., Colavita, M., Creech-Eakman, M., Gathright, J., Hrynevych, M., Koresko, C., Le Mignant, D., Ligon, R., Mennesson, B., Neyman, C., Sargent, A., Shao, M., Swain, M., Thompson, R., Unwin, S., van Belle, G. T., Vasisht, G., and Wizinowich, P., 2006, *ApJ*, 641, 547
42. “First Results from the CHARA Array. III. Oblateness, Rotational Velocity, and Gravity Darkening of Alderamin”, van Belle, G. T., Ciardi, D. R., ten Brummelaar, T., McAlister, H. A., Ridgway, S. T., Berger, D. H., Goldfinger, P. J., Sturmman, J., Sturmman, L., Turner, N., Boden, A. F., Thompson, R. R., and Coyne, J., 2006, *ApJ*, 637, 494
43. “Establishing Visible Interferometer System Responses: Resolved and Unresolved Calibrators”, van Belle, Gerard T. and van Belle, Gerald, 2005, *PASP*, 117, 1263
44. “First Results from the CHARA Array. I. An Interferometric and Spectroscopic Study of the Fast Rotator α Leonis (Regulus)”, McAlister, H. A., ten Brummelaar, T. A., Gies, D. R., Huang, W., Baguolo, W. G., Jr., Shure, M. A., Sturmman, J., Sturmman, L., Turner, N. H., Taylor, S. F., Berger, D. H., Baines, E. K., Grundstrom, E., Ogden, C., Ridgway, S. T., and van Belle, G., 2005, *ApJ*, 628, 439
45. “The Near-Infrared Size-Luminosity Relations for Herbig Ae/Be Disks”, Monnier, J. D., Millan-Gabet, R., Billmeier, R., Akeson, R. L., Wallace, D., Berger, J.-P., Calvet, N., D’Alessio, P., Danchi, W. C., Hartmann, L., Hillenbrand, L. A., Kuchner, M., Rajagopal, J., Traub, W. A., Tuthill, P. G., Boden, A., Booth, A., Colavita, M., Gathright, J., Hrynevych, M., Le Mignant, D., Ligon, R., Neyman, C., Swain, M., Thompson, R., Vasisht, G., Wizinowich, P., Beichman, C., Beletic, J., Creech-Eakman, M., Koresko, C., Sargent, A., Shao, M., and van Belle, G., 2005, *ApJ*, 624, 832
46. “Observations and Modeling of the Inner Disk Region of T Tauri Stars”, Akeson, R. L., Walker, C. H., Wood, K., Eisner, J. A., Scire, E., Penprase, B., Ciardi, D. R., van Belle, G. T., Whitney, B., and Bjorkman, J. E., 2005, *ApJ*, 622, 440
47. “Interferometer Observations of Subparsec-Scale Infrared Emission in the Nucleus of NGC 4151”, Swain, M., Vasisht, G., Akeson, R., Monnier, J., Millan-Gabet, R., Serabyn, E., Creech-Eakman, M., van Belle, G., Beletic, J., Beichman, C., Boden, A., Booth, A., Colavita, M., Gathright, J., Hrynevych, M., Koresko, C., Le Mignant, D., Ligon, R., Mennesson, B., Neyman, C., Sargent, A., Shao, M., Thompson, R., Unwin, S., and Wizinowich, P., 2003, *ApJ*, 596, L163
48. “Observations of DG Tauri with the Keck Interferometer”, Colavita, M., Akeson, R., Wizinowich, P., Shao, M., Acton, S., Beletic, J., Bell, J., Berlin, J., Boden, A., Booth, A., Boutell, R., Chaffee, F., Chan, D., Chock, J., Cohen, R., Crawford, S., Creech-Eakman, M., Eychaner, G., Felizardo, C., Gathright, J., Hardy, G., Henderson, H., Herstein, J., Hess, M., Hovland, E., Hrynevych, M., Johnson, R., Kelley, J., Kendrick, R., Koresko, C., Kurpis, P., Le Mignant, D., Lewis, H., Ligon, E., Lupton, W., McBride, D., Mennesson, B., Millan-Gabet, R., Monnier, J., Moore, J., Nance, C., Neyman, C., Niessner, A., Palmer, D., Reder, L., Rudeen, A., Saloga, T., Sargent, A., Serabyn, E., Smythe, R., Stomski, P., Summers, K., Swain, M., Swanson,

- P., Thompson, R., Tsubota, K., Tumminello, A., van Belle, G., Vasisht, G., Vause, J., Walker, J., Wallace, K., and Wehmeier, U., 2003, *ApJ*, 592, L83
49. “Multiepoch Interferometric Study of Mira Variables. I. Narrowband Diameters of RZ Pegasi and S Lacertae”, Thompson, R. R., Creech-Eakman, M. J., and van Belle, G. T., 2002, *ApJ*, 577, 447
 50. “Angular Size Measurements of Mira Variable Stars at 2.2 Microns. II.”, van Belle, G. T., Thompson, R. R., and Creech-Eakman, M. J., 2002, *AJ*, 124, 1706
 51. “Stellar Variability in a Survey of Field Stars”, Everett, Mark E., Howell, Steve B., van Belle, Gerard T., and Ciardi, David R., 2002, *PASP*, 114, 656
 52. “Constraints on Circumstellar Disk Parameters from Multiwavelength Observations: T Tauri and SU Aurigae”, Akeson, R. L., Ciardi, D. R., van Belle, G. T., and Creech-Eakman, M. J., 2002, *ApJ*, 566, 1124
 53. “Altair’s Oblateness and Rotation Velocity from Long-Baseline Interferometry”, van Belle, Gerard T., Ciardi, David R., Thompson, Robert R., Akeson, Rachel L., and Lada, Elizabeth A., 2001, *ApJ*, 559, 1155
 54. “On the Near-Infrared Size of Vega”, Ciardi, David R., van Belle, Gerard T., Akeson, Rachel L., Thompson, Robert R., Lada, Elizabeth A., and Howell, Steve B., 2001, *ApJ*, 559, 1147
 55. “Infrared Interferometric Observations of Young Stellar Objects”, Akeson, R. L., Ciardi, D. R., van Belle, G. T., Creech-Eakman, M. J., and Lada, E. A., 2000, *ApJ*, 543, 313
 56. “Predicting Stellar Angular Sizes”, van Belle, Gerard T., 1999, *PASP*, 111, 1515
 57. “The Visual Orbit of 64 Piscium”, Boden, A. F., Lane, B. F., Creech-Eakman, M. J., Colavita, M. M., Dumont, P. J., Gubler, J., Koresko, C. D., Kuchner, M. J., Kulkarni, S. R., Mobley, D. W., Pan, X. P., Shao, M., van Belle, G. T., Wallace, J. K., and Oppenheimer, B. R., 1999, *ApJ*, 527, 360
 58. “The Visual Orbit of IOTA Pegasi”, Boden, A. F., Koresko, C. D., van Belle, G. T., Colavita, M. M., Dumont, P. J., Gubler, J., Kulkarni, S. R., Lane, B. F., Mobley, D., Shao, M., Wallace, J. K., The PTI Collaboration, and Henry, G. W., 1999, *ApJ*, 515, 356
 59. “The Palomar Testbed Interferometer”, Colavita, M. M., Wallace, J. K., Hines, B. E., Gursel, Y., Malbet, F., Palmer, D. L., Pan, X. P., Shao, M., Yu, J. W., Boden, A. F., Dumont, P. J., Gubler, J., Koresko, C. D., Kulkarni, S. R., Lane, B. F., Mobley, D. W., and van Belle, G. T., 1999, *ApJ*, 510, 505
 60. “Radii and Effective Temperatures for G, K, and M Giants and Supergiants”, van Belle, G. T., Lane, B. F., Thompson, R. R., Boden, A. F., Colavita, M. M., Dumont, P. J., Mobley, D. W., Palmer, D., Shao, M., Vasisht, G. X., Wallace, J. K., Creech-Eakman, M. J., Koresko, C. D., Kulkarni, S. R., Pan, X. P., and Gubler, J., 1999, *AJ*, 117, 521
 61. “The Visual Orbit of the 0.002” RS CVN Binary Star TZ Triangulum from Near-Infrared Long-Baseline Interferometry”, Koresko, C. D., van Belle, G. T., Boden, A. F., Colavita, M. M., Creech-Eakman, M. J., Dumont, P. J., Gubler, J., Kulkarni, S. R., Lane, B. F., Mobley, D. W., Pan, X. P., Shao, M., Wallace, J. K., and The PTI Collaboration, 1998, *ApJ*, 509, L45
 62. “FU Orionis Resolved by Infrared Long-Baseline Interferometry at a 2 AU Scale”, Malbet, F., Berger, J.-P., Colavita, M. M., Koresko, C. D., Beichman, C., Boden, A. F., Kulkarni, S. R., Lane, B. F., Mobley, D. W., Pan, X. P., Shao, M., van Belle, G. T., and Wallace, J. K., 1998, *ApJ*, 507, L149
 63. “An Interferometric Search for Bright Companions to 51 Pegasi”, Boden, A. F., van Belle, G. T., Colavita, M. M., Dumont, P. J., Gubler, J., Koresko, C. D., Kulkarni, S. R., Lane, B. F., Mobley, D. W., Shao, M., Wallace, J. K., and The PTI Collaboration, 1998, *ApJ*, 504, L39
 64. “Radii and effective temperatures for K and M giants and supergiants. II.”, van Dyck, H. M., van Belle, G. T., and Thompson, R. R., 1998, *AJ*, 116, 981
 65. “Radii and Effective Temperatures for K and M Giants and Supergiants. II.”, Dyck, H. M., van Belle, G. T., and Thompson, R. R., 1998, *AJ*, 116, 981
 66. “Angular Size Measurements of Carbon Miras and S-Type Stars”, van Belle, G. T., Dyck, H. M., Thompson, R. R., Benson, J. A., and Kannappan, S. J., 1997, *AJ*, 114, 2150

67. “Angular Size Measurements of 18 Mira Variable Stars at 2.2 μm ”, van Belle, G. T., Dyck, H. M., Benson, J. A., and Lacasse, M. G., 1996, *AJ*, 112, 2147
68. “Angular Diameters and Effective Temperatures of Carbon Stars”, Dyck, H. M., van Belle, G. T., and Benson, J. A., 1996, *AJ*, 112, 294
69. “Radii and Effective Temperatures for K and M Giants and Supergiants”, Dyck, H. M., Benson, J. A., van Belle, G. T., and Ridgway, S. T., 1996, *AJ*, 111, 1705

Other Selected Manuscripts:

1. “Fundamental Parameters and Habitable Zones of Exoplanet Host Stars”, von Braun, K., et al., 2013, *Protostars and Planets VI*, July 15-20, 2013
2. “Simulated imaging with an interferometer on a boom”, Schmitt, H.R., et al., 2012, *Proc. SPIE*, 8445
3. “Coherent integration in optical interferometry”, Jorgensen, A.M., et al., 2012, *Proc. SPIE*, 8445
4. “Perspective of imaging in the mid-infrared at the Very Large Telescope Interferometer”, Lopez, B., et al., 2012, *Proc. SPIE*, 8445
5. “Status of PRIMA for the VLTI: heading to astrometry”, Schmid, C., et al., 2012, *Proc. SPIE* 8445
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