Dr. Gerard T. van Belle
Curriculum Vitae

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Experience:

Lowell Observatory, Flagstaff, AZ. Astronomer, 2011-present; Director, NPOI, 2017-2018, and Chief Scientist, NPOI, 2018-2022; Director of Science, 2024-present. On staff with the observatory with a primary focus in astronomical interferometry with optical interferometers such as the Navy Prototype Optical Interferometer (NPOI), and high-resolution imaging with the Lowell Discovery Telescope (LDT).

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 progress, including development of institutional agreements for budgets and deliverables. Member of the Astronomy faculty.

Michelson Science Center, California Institute of Technology, Pasadena, CA. 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, management of the NASA Keck-IRTF MOWG, and independent scientific research.

The Jet Propulsion Laboratory, Pasadena, CA. 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, MD. Visiting Lecturer, Department of Physics, 1991.

Intermec Corporation, Everett, WA. Engineering Intern, Product Assurance Department, 1990.

Harvey Mudd College, Claremont, CA. 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 CO_2^+ Features in Comet P/Halley Derived from Ultraviolet Spectrophotometry by *ASTRON*. The degree of asymmetry in the distribution of CO_2^+ 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, WA. 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, WA. Class of 1986.

Research Teams:

MoonLITE Principal Investigator, 2022-present

CHARA Array SILMARIL Commissioning Team, 2022-2024

Lowell Observatory's Principal Investigator for the Navy Precision Optical Interferometer, 2011-2022

Planet Formation Imager Kick-Off Committee member, 2013-2022
NPOI-VISION Commissioning Team, 2013-2016
VLTI PRIMA Instrument Group, ESO, 2007-2011, and MATISSE Instrument Group, 2011
CHARA Array MIRC Commissioning Team, 2007
Spitzer Precision MIPS Photometry Team, 2006-2008
"Cataclysmic Variables in the Infrared Cartel", 2005-2014
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, 1994-1998
Johns Hopkins Sounding Rocket Group, 1992-1993

Funded Research Proposals:

Lowell Slipher Society Award, $2,269, Page charges for Giant Star Paper, 2022
Lowell Slipher Society Award, $24,059, support for grad student Catherine Clark, 2022/05 – 2022-08
NSF AAG, "A Reference Set for Miras", $75,161 (Lowell portion), 2022
Imaging High-Altitude Satellites with Next-Generation Detectors, $116,560, DoD DURIP award, 06/15/2022 – 06/14/2023
Lowell Slipher Society Award, $2,495, Automated software for TiMo, 2020
Precision In-Space Manufacturing for Structurally-Connected Space Interferometry, NASA SBIR Phase II Award, $86,099 (Lowell share), with Made in Space (now Redwire Space, Inc.), 2019
High Sensitivity Observations of Geostationary Satellites at High Spatial Resolution II, Naval Research Laboratory, $11M (capital construction, awarded), $30M cap (2019/10-2024/09, R&D)
Imaging High-Altitude Satellites with Near-IR Speckle Imagers, $73,100, DoD DURIP award, 06/15/2018 – 06/14/2019
Imaging High-Altitude Satellites with Speckle Imagers, $169,500, DoD DURIP award, 06/15/2018 – 06/14/2019
Titan Monitoring Telescope, $100,000, NASA NNX11AH46G (2018/09 – 2019/09)
High Sensitivity Observations of Geostationary Satellites at High Spatial Resolution, Naval Research Laboratory, $3.268M (2016/10-2018/09, capital construction, awarded), $3.821M (2016/10-2021/09, R&D)
LDT Survey of X-type Asteroids, grant from Observatory Cote d'Azur, $28,000 (2020), $30,000 (2021)
NESSI Survey of Potential Low-Mass Exoplanet Hosts, JPL RSA 1569545 & 1580984, $6,300 and $8,300, 2017/02-2019/01 & 2017/08-2019/07
Nearby M-Dwarf Multiplicity Survey, NSF AST-1616084, 2016/09-2019/08, $580,497 award
AAS International Travel Grant for IAU General Assembly, 2015-08, $1,050 award
IAU Travel Grant for IAU Symposium 307, "New Windows on Massive Stars : Asteroseismology, Interferometry, Spectropolarimetry", 2014-06, 750€ award
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, 2012/01-2014/01, $233,800
High Precision, Directly Determined Radii and Effective Temperatures for Giant Stars, NSF AST-1212203, 2011/09-2015/08, $341,760
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
Distances to Eclipsing M Dwarf Binaries, HST Cycle 16 (2007, ID: HST-GO-11213), PI: G. van Belle, 35 orbits, $135,000

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

Awards / Honors:

NAU College of Engineering, Informatics and Applied Sciences "Above and Beyond" Award, recognizing outstanding student internship experiences, August 2020
Significant Sig Award, Sigma Chi Fraternity, Chicago, IL, June 2018
"Communication and Leadership Award", Toastmaster's International, Flagstaff Conference Nov 3-5, 2017
Asteroid 25155 van Belle (1998 SA_{55}), named in 2015
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 Public Activities; Dr. van Belle has been averaging 3-6 public engagements per year for the past decade**:**

Local Host, Arizona Space Business Roundtable, Flagstaff, AZ, August 2023
"A Day in the Life of an Astronomer", invited talk, Westminster Village Retirement Community, Phoenix, AZ, February 2023
Solve-it For Kids, podcast, July 2022
Cosmic Controversy, podcast by Bruce Dorminey, Forbes, July 2020
"Dialogue Earth", listed co-star in a feature-length documentary about artist Ulrike Arnold, 2019
Space Astrophysics Landscape for the 2020s and Beyond, NASA HQ workshop, "Optical Interferometry in Space", invited talk, Potomac, MD, April 2019
Astronomy on Tap, "In-Space Manufacturing of Mega-Telescopes", Flagstaff, AZ, March 2019
SETI panel, World Science Fiction Convection, with David Brin and Douglas Van Belle, San Jose, CA, August 2018
TEDx in LA, "Bridges into Space", LA Community College, CA, May 2018
Museum of Mathematics, "Music of the Spheres: Astronomy, Math, and Sound", New York City, NY, May 2018

Additionally, Dr. van Belle has been averaging 20 scientific presentations (colloquia, etc.) per year since 2012; press engagements can be found online at http://www2.lowell.edu/users/gerard/.

Selected Recent Community Service:

SOC, Cool Stars 22, San Diego, CA, June 2024
CHARA TAC, virtual, May 2023, May 2024
NSF AST Committee of Visitors, Arlington, VA, July 2023
NASA APRA panel, virtual, March 2021, March 2022, March 2023
NOIRlab TAC, virtual, November 2021
NASA Keck Key Strategic Mission Support panel, virtual, October 2021
NASA XRP panel, Pasadena, CA, July 2019, July 2020
NASA SMEX MO panel, Washington, DC, December 2019
Dunlap Summer School on Instrumentation, lecturer, University of Toronto, July 2019
NSF MRI panel, virtual, May 2019

SOC, Cool Stars 20, Boston, MA, Jul/Aug 2018
Sagan Fellowship Review Panel, Jan 2016, Jan 2017, Nov 2018
NASA Keck TAC, October 2015, April 2016, October 2016
NASA LBTI operations review panel, April 2015, May 2016
NASA ADAP Review Panel, June 2016
SOC, Cool Stars 19, Uppsala, June 2016
Proceedings Editor, Cool Stars 18 Workshop, 2015
NASA Exoplanets review panel, June 2015
Santander Summer School, Lecturer, Santiago, Chile, November 2014
Chair, Cool Stars 18, Flagstaff, June 2014
IAU Commission 54 ("Optical and Near-Infrared Interferometry") President, 2012-2015, *Vice President*, 2009-2012, *Secretary* 2006-2009
SOC, Cool Stars 17, Barcelona, 2012
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, VLTI 2nd Generation Fringe Tracker Design Study Reviews, June 2010
Board Member, VLTI Gravity and MATISSE Preliminary Design Review, December 2009
Member (ESO representative), Blue Dots Team, 2008-2010
Presenter, 2008 and 2010 "On the Fringe" VLTI Training Schools
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
Member, Society of Photo-optic Instrumentation Engineers (SPIE)

Refereed Journal Articles (as of 2024 Jul 10; 106 published articles since 1995 with 21 as first author, h-index of 43 with over 5,600 citations):

1. "The POKEMON Speckle Survey of Nearby M Dwarfs. III. The Stellar Multiplicity Rate of M Dwarfs within 15 pc", Clark, Catherine A., van Belle, Gerard T., et al., 2024, AJ 167 174
2. "The POKEMON Speckle Survey of Nearby M Dwarfs. II. Observations of 1125 Targets", Clark, Catherine A., van Belle, Gerard T., et al., 2024, AJ 167 56
3. "Compositional characterization of a primordial S-type asteroid family of the inner main belt", Bourdelle de Micas, J., Fornasier, S., et al., 2024, A&A 682 A64
4. "Simultaneous Six-way Observations from the Navy Precision Optical Interferometer", Baines, Ellyn K., Blomquist, Solvay, et al., 2023, AJ 165 41
5. "TFAW survey II: six newly validated planets and 13 planet candidates from K2", del Ser, D., Fors, O., et al., 2023, MNRAS 518 669-690
6. "Asteroid spin-states of a 4 Gyr collisional family", Athanasopoulos, D., Hanuš, J., et al., 2022, A&A 666 A116
7. "Athor asteroid family as the source of the EL enstatite meteorites", Avdellidou, C., Delbo, M., et al., 2022, A&A 665 L9

8. “Composition of inner main-belt planetesimals”, Bourdelle de Micas, J., Fornasier, S., et al., 2022, A&A 665 A83
9. “The POKEMON Speckle Survey of Nearby M Dwarfs. I. New Discoveries”, Clark, Catherine A., van Belle, Gerard T., et al., 2022, AJ 164 33
10. “A Dearth of Close-in Stellar Companions to M-dwarf TESS Objects of Interest”, Clark, Catherine A., van Belle, Gerard T., et al., 2022, AJ 163 232
11. “Direct Measurements of Giant Star Effective Temperatures and Linear Radii: Calibration against Spectral Types and V - K Color”, van Belle, Gerard T., von Braun, Kaspar, et al., 2021, ApJ 922 163
12. “Characterisation of the main belt asteroid (223) Rosa. A proposed flyby target of ESA's JUICE mission”, Avdellidou, C., Pajola, M., et al., 2021, A&A 656 L18
13. “Angular Diameters and Fundamental Parameters of Forty-four Stars from the Navy Precision Optical Interferometer”, Baines, Ellyn K., Thomas Armstrong, J., et al., 2021, AJ 162 198
14. “Discovery of superslow rotating asteroids with ATLAS and ZTF photometry”, Erasmus, N., Kramer, D., et al., 2021, MNRAS 506 3872-3881
15. “Determining the Rotational Period of Main-Belt Asteroid 282 Clorinde”, Bonamico, Roberto & van Belle, Gerard, 2021, MPBu 48 210
16. “Observations with the Differential Speckle Survey Instrument. X. Preliminary Orbits of K-dwarf Binaries and Other Stars”, Horch, Elliott P., Broderick, Kyle G., et al., 2021, AJ 161 295
17. “HST/FGS Trigonometric Parallaxes of M-dwarf Eclipsing Binaries”, van Belle, Gerard T., Schaefer, Gail H., et al., 2020, PASP 132 054201
18. “Observations of Binary Stars with the Differential Speckle Survey Instrument. IX. Observations of Known and Suspected Binaries, and a Partial Survey of Be Stars”, Horch, Elliott P., van Belle, Gerard T., et al., 2020, AJ 159 233
19. “The L 98-59 System: Three Transiting, Terrestrial-size Planets Orbiting a Nearby M Dwarf”, Kostov, Veselin B., Schlieder, Joshua E., et al., 2019, AJ 158 32
20. “Observations of Binary Stars with the Differential Speckle Survey Instrument. VIII. Measures of Metal-poor and Triple Stars from 2015 to 2018”, Horch, Elliott P., Tokovinin, Andrei, et al., 2019, AJ 157 56
21. “Interferometric Fringe Visibility Null as a Function of Spatial Frequency: A Probe of Stellar Atmospheres”, Armstrong, J. T., Jorgensen, A. M., et al., 2019, JAI 8 1950012-246
22. “Coherent Integration in Astronomical Interferometry: Theory and Practice”, Mozurkewich, David, Jorgensen, Anders, & van Belle, Gerard T., 2019, JAI 8 1950005
23. “The planet formation imager”, Monnier, John D., Kraus, Stefan, et al., 2018, ExA 46 517-529
24. “Fundamental Parameters of 87 Stars from the Navy Precision Optical Interferometer”, Baines, Ellyn K., Armstrong, J. Thomas, et al., 2018, AJ 155 30
25. “Single-Photon Intensity Interferometry (SPIIFy): utilizing available telescopes”, Pilyavsky, Genady, Mauskopf, Philip, et al., 2017, MNRAS 467 3048-3055
26. “The Kepler Follow-up Observation Program. I. A Catalog of Companions to Kepler Stars from High-Resolution Imaging”, Furlan, E., Ciardi, D. R., et al., 2017, AJ 153 71
27. “A Catalog of Calibrator Stars for Next-generation Optical Interferometers”, Swihart, Samuel J., Garcia, E. Victor, et al., 2017, AJ 153 16
28. “Spectroscopic and Interferometric Measurements of Nine K Giant Stars”, Baines, Ellyn K., Döllinger, Michaela P., et al., 2016, AJ 152 66
29. “Bolometric Flux Estimation for Cool Evolved Stars”, van Belle, Gerard T., Creech-Eakman, Michelle J., & Ruiz-Velasco, Alma E., 2016, AJ 152 16
30. “Vision: A Six-telescope Fiber-fed Visible Light Beam Combiner for the Navy Precision Optical Interferometer”, Garcia, Eugenio V., Muterspaugh, Matthew W., et al., 2016, PASP 128 055004
31. “Observations of Binary Stars with the Differential Speckle Survey Instrument. VI. Measures during 2014 at the Discovery Channel Telescope”, Horch, Elliott P., van Belle, Gerard T., et al., 2015, AJ 150 151
32. “Follow-up Observations of PTFO 8-8695: A 3 Myr Old T-Tauri Star Hosting a Jupiter-mass Planetary Candidate”, Ciardi, David R., van Eyken, Julian C., et al., 2015, ApJ 809 42

33. “Stellar diameters and temperatures - VI. High angular resolution measurements of the transiting exoplanet host stars HD 189733 and HD 209458 and implications for models of cool dwarfs”, Boyajian, Tabetha, von Braun, Kaspar, et al., 2015, MNRAS 447 846-857
34. “Stellar Parameters for HD 69830, a Nearby Star with Three Neptune Mass Planets and an Asteroid Belt”, Tanner, Angelle, Boyajian, Tabetha S., et al., 2015, ApJ 800 115
35. “The expanding fireball of Nova Delphini 2013”, Schaefer, G. H., Brummelaar, T. Ten, et al., 2014, Natur 515 234-236
36. “Reinvestigating the Clusters Koposov 1 and 2”, Paust, Nathaniel, Wilson, Danielle, & van Belle, Gerard, 2014, AJ 148 19
37. “Nova-like Cataclysmic Variables in the Infrared”, Hoard, D. W., Long, Knox S., et al., 2014, ApJ 786 68
38. “Stellar diameters and temperatures - V. 11 newly characterized exoplanet host stars”, von Braun, Kaspar, Boyajian, Tabetha S., et al., 2014, MNRAS 438 2413-2425
39. “Stellar Diameters and Temperatures. IV. Predicting Stellar Angular Diameters”, Boyajian, Tabetha S., van Belle, Gerard, & von Braun, Kaspar, 2014, AJ 147 47
40. “Navy Precision Optical Interferometer Measurements of 10 Stellar Oscillators”, Baines, Ellyn K., Armstrong, J. Thomas, et al., 2014, ApJ 781 90
41. “Intensity Interferometry for the 21ST Century”, Horch, E. P., van Belle, G., et al., 2013, JAI 2 1340009
42. “The Navy Precision Optical Interferometer (npoi): AN Update”, Armstrong, J. T., Hutter, D. J., et al., 2013, JAI 2 1340002
43. “Introduction”, Ten Brummelaar, T., Tuthill, P., & van Belle, G., 2013, JAI 2 1303001
44. “The Keck Interferometer”, Colavita, M. M., Wizinowich, P. L., et al., 2013, PASP 125 1226
45. “The PTI Carbon Star Angular Size Survey: Effective Temperatures and Non-sphericity”, van Belle, Gerard T., Paladini, Claudia, et al., 2013, ApJ 775 45
46. “Characterization of the Red Giant HR 2582 Using the CHARA Array”, Baines, Ellyn K., McAlister, Harold A., et al., 2013, ApJ 772 16
47. “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, Ellyn K., Armstrong, J. Thomas, & van Belle, Gerard T., 2013, ApJL 771 L17
48. “Stellar Diameters and Temperatures. III. Main-sequence A, F, G, and K Stars: Additional High-precision Measurements and Empirical Relations”, Boyajian, Tabetha S., von Braun, Kaspar, et al., 2013, ApJ 771 40
49. “Dynamical mass of the O-type supergiant in ζ Orionis A”, Hummel, C. A., Rivinius, Th., et al., 2013, A&A 554 A52
50. “Earth- and Space-Based Light Bucket Intensity Interferometry Analysis”, Genet, Russell, Holenstein, Bruce, et al., 2013, SASS 32 157-168
51. “Modeling Circumstellar Disks of B-type Stars with Observations from the Palomar Testbed Interferometer”, Grzenia, B. J., Tycner, C., et al., 2013, AJ 145 141
52. “The ESPRI project: astrometric exoplanet search with PRIMA. I. Instrument description and performance of first light observations”, Sahlmann, J., Henning, T., et al., 2013, A&A 551 A52
53. “Stellar Diameters and Temperatures. II. Main-sequence K- and M-stars”, Boyajian, Tabetha S., von Braun, Kaspar, et al., 2012, ApJ 757 112
54. “Fundamental properties of the Population II fiducial stars HD 122563 and Gmb 1830 from CHARA interferometric observations”, Creevey, O. L., Thévenin, F., et al., 2012, A&A 545 A17
55. “The GJ 436 System: Directly Determined Astrophysical Parameters of an M Dwarf and Implications for the Transiting Hot Neptune”, von Braun, Kaspar, Boyajian, Tabetha S., et al., 2012, ApJ 753 171
56. “Interferometric observations of rapidly rotating stars”, van Belle, Gerard T., 2012, A&ARv 20 51
57. “Stellar Diameters and Temperatures. I. Main-sequence A, F, and G Stars”, Boyajian, Tabetha S., McAlister, Harold A., et al., 2012, ApJ 746 101

58. “55 Cancri: Stellar Astrophysical Parameters, a Planet in the Habitable Zone, and Implications for the Radius of a Transiting Super-Earth”, von Braun, Kaspar, Boyajian, Tabetha S., et al., 2011, ApJ 740 49
59. “Determination of the stellar parameters of C-rich hydrostatic stars from spectro-interferometric observations”, Paladini, C., van Belle, G. T., et al., 2011, A&A 533 A27
60. “The Burrell-Optical-Kepler-Survey (BOKS). I. Survey Description and Initial Results”, Feldmeier, John J., Howell, Steve B., et al., 2011, AJ 142 2
61. “Astrophysical Parameters and Habitable Zone of the Exoplanet Hosting Star GJ 581”, von Braun, Kaspar, Boyajian, Tabetha S., et al., 2011, ApJL 729 L26
62. “Kepler Observations of Three Pre-launch Exoplanet Candidates: Discovery of Two Eclipsing Binaries and a New Exoplanet”, Howell, Steve B., Rowe, Jason F., et al., 2010, ApJ 725 1633-1643
63. “Interferometric astrometry”, van Belle, Gerard T., 2009, NewAR 53 336-343
64. “Supergiant temperatures and linear radii from near-infrared interferometry”, van Belle, G. T., Creech-Eakman, M. J., & Hart, A., 2009, MNRAS 394 1925-1935
65. “Directly Determined Linear Radii and Effective Temperatures of Exoplanet Host Stars”, van Belle, Gerard T. & von Braun, Kaspar, 2009, ApJ 694 1085-1098
66. “Observations of V592 Cassiopeiae with the Spitzer Space Telescope—Dust in the Mid-Infrared”, Hoard, D. W., Kafka, Stella, et al., 2009, ApJ 693 236-249
67. “Closure Phase Signatures of Planet Transit Events”, van Belle, Gerard T., 2008, PASP 120 617
68. “The Palomar Testbed Interferometer Calibrator Catalog”, van Belle, G. T., van Belle, G., et al., 2008, ApJS 176 276-292
69. “Spitzer 24 μm Time Series Observations of the Eclipsing M Dwarf Binary GU Boötis”, von Braun, Kaspar, van Belle, Gerard T., et al., 2008, ApJ 677 545-555
70. “Imaging the Surface of Altair”, Monnier, John D., Zhao, M., et al., 2007, Sci 317 342
71. “Direct Measurement of the Radius and Density of the Transiting Exoplanet HD 189733b with the CHARA Array”, Baines, Ellyn K., van Belle, Gerard T., et al., 2007, ApJL 661 L195-L198
72. “The Angular Diameter of λ Boötis”, Ciardi, David R., van Belle, Gerard T., et al., 2007, ApJ 659 1623-1628
73. “Spitzer Space Telescope Observations of Magnetic Cataclysmic Variables: Possibilities for the Presence of Dust in Polars”, Brinkworth, C. S., Hoard, D. W., et al., 2007, ApJ 659 1541-1562
74. “Measurement of the Surface Gravity of η Bootis”, van Belle, Gerard T., Ciardi, David R., & Boden, Andrew F., 2007, ApJ 657 1058-1063
75. “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, et al., 2006, AJ 132 1989-1994
76. “First Spitzer Space Telescope Observations of Magnetic Cataclysmic Variables: Evidence of Excess Emission at 3-8 μm”, Howell, Steve B., Brinkworth, Carolyn, et al., 2006, ApJL 646 L65-L68
77. “Keck Interferometer Observations of FU Orionis Objects”, Millan-Gabet, R., Monnier, J. D., et al., 2006, ApJ 641 547-555
78. “First Results from the CHARA Array. III. Oblateness, Rotational Velocity, and Gravity Darkening of Alderamin”, van Belle, G. T., Ciardi, D. R., et al., 2006, ApJ 637 494-505
79. “Establishing Visible Interferometer System Responses: Resolved and Unresolved Calibrators”, van Belle, Gerard T. & van Belle, Gerald, 2005, PASP 117 1263-1270
80. “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., et al., 2005, ApJ 628 439-452
81. “The Near-Infrared Size-Luminosity Relations for Herbig Ae/Be Disks”, Monnier, J. D., Millan-Gabet, R., et al., 2005, ApJ 624 832-840
82. “Observations and Modeling of the Inner Disk Region of T Tauri Stars”, Akeson, R. L., Walker, C. H., et al., 2005, ApJ 622 440-450

83. “Interferometer Observations of Subparsec-Scale Infrared Emission in the Nucleus of NGC 4151”, Swain, M., Vasisht, G., et al., 2003, ApJL 596 L163-L166
84. “Observations of DG Tauri with the Keck Interferometer”, Colavita, M., Akeson, R., et al., 2003, ApJL 592 L83-L86
85. “Multiepoch Interferometric Study of Mira Variables. I. Narrowband Diameters of RZ Pegasi and S Lacertae”, Thompson, R. R., Creech-Eakman, M. J., & van Belle, G. T., 2002, ApJ 577 447-456
86. “Angular Size Measurements of Mira Variable Stars at 2.2 Microns. II.”, van Belle, G. T., Thompson, R. R., & Creech-Eakman, M. J., 2002, AJ 124 1706-1715
87. “Stellar Variability in a Survey of Field Stars”, Everett, Mark E., Howell, Steve B., et al., 2002, PASP 114 656-670
88. “Constraints on Circumstellar Disk Parameters from Multiwavelength Observations: T Tauri and SU Aurigae”, Akeson, R. L., Ciardi, D. R., et al., 2002, ApJ 566 1124-1131
89. “Altair's Oblateness and Rotation Velocity from Long-Baseline Interferometry”, van Belle, Gerard T., Ciardi, David R., et al., 2001, ApJ 559 1155-1164
90. “On the Near-Infrared Size of Vega”, Ciardi, David R., van Belle, Gerard T., et al., 2001, ApJ 559 1147-1154
91. “Infrared Interferometric Observations of Young Stellar Objects”, Akeson, R. L., Ciardi, D. R., et al., 2000, ApJ 543 313-317
92. “Predicting Stellar Angular Sizes”, van Belle, Gerard T., 1999, PASP 111 1515-1523
93. “The Visual Orbit of 64 Piscium”, Boden, A. F., Lane, B. F., et al., 1999, ApJ 527 360-368
94. “The Visual Orbit of ι Pegasi”, Boden, A. F., Koresko, C. D., et al., 1999, ApJ 515 356-364
95. “The Palomar Testbed Interferometer”, Colavita, M. M., Wallace, J. K., et al., 1999, ApJ 510 505-521
96. “Radii and Effective Temperatures for G, K, and M Giants and Supergiants”, van Belle, G. T., Lane, B. F., et al., 1999, AJ 117 521-533
97. “The Visual Orbit of the 0.002" RS CVN Binary Star TZ Triangulifrom Near-Infrared Long-Baseline Interferometry”, Koresko, C. D., van Belle, G. T., et al., 1998, ApJL 509 L45-L48
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99. “An Interferometric Search for Bright Companions to 51 Pegasi”, Boden, A. F., van Belle, G. T., et al., 1998, ApJL 504 L39-L42
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