

Dr. Kaspar von Braun

Lowell Observatory,
Flagstaff, AZ

kaspar@lowell.edu
www2.lowell.edu/users/kaspar/kaspar.html

Research Interests:

- Detection & characterization of exoplanetary systems, fundamental stellar parameters, low-mass stars, variable stars, Galactic star clusters, observational techniques, interstellar extinction, astrobiology

Education:

- Ph. D. Astronomy & Astrophysics, July 2002, University of Michigan
- M. Sc. Astronomy, May 1996, University of Michigan
- Vordiplom Physik 1993, Ludwig-Maximilians-Universität München, Germany

Academic Appointments:

- Adjunct Astronomer 10/2014 – present, Lowell Observatory
- Visiting Scientist 10/2012 – 10/2014, Max Planck Institut für Astronomie, Heidelberg
- Adjunct Senior Lecturer 2/2011 – present, James Cook University, Australia
- Staff Astronomer 3/2007 – 10/2012, NASA Exoplanet Science Institute, Caltech
- Postdoctoral Scholar 1/2006 – 3/2007, Michelson Science Center, Caltech
- Carnegie Fellow 2002 – 2005, Carnegie / Department of Terrestrial Magnetism
- NASA Astrobiology Institute Fellow, 2004, Carnegie/DTM
- NASA Associate, 2003/4, Carnegie/DTM
- NSF Associate, 2003/4, Carnegie/DTM
- Graduate Student Research Assistant, 8/1994 – 7/2002, U of Michigan Astronomy
- Graduate Student Instructor, 1/1995 – 7/2002, U of Michigan Astronomy
- Research Intern, 1993/1994, Max Planck Inst. für Extraterrestrische Physik, München

Selected Seminars, Workshops, Colloquia, Conferences, etc

- Member: American Astronomical Society, Deutsche Physikalische Gesellschaft, International Astronomical Union
- Selected Invited Colloquium/Seminar Talks & Lectures (last five years):
 - CHARA Meeting, Pasadena, CA (3/17): “*Updates on Stellar Characterizations with and without Planets*”
 - Sunflower Theatre, Cortez, CO (10/15): “*There Is a Lot of Stuff Out There*”
 - Uppsala University, Sweden (4/15): “*Characterizing Exoplanetary Systems via Their Parent Stars*”
 - Yale University, New Haven, CT (3/15): “*Characterizing Extrasolar Planets and Parents*”
 - Georgia State University, Atlanta, GA (3/15): “*Characterization of Exoplanet Host Stars*”
 - American Astronomical Society, Seattle, WA (1/15): “*Springer Storytellers*”
 - Universität Witten-Herdecke, Germany (7/14): “*NextGen: Gesellschafterkompetenz*”

- Universität Witten-Herdecke, Germany (7/14): “*Exoplaneten*”
- Lowell Observatory, Flagstaff, AZ (6/14): “*Radii of Planet Hosts from Interferometry*”
- Universität Witten-Herdecke, Germany (2/14): “*Gesellschafterkompetenz*”
- Volkssternwarte Köln, Germany (9/13): “*Das Licht fremder Welten: Extrasolare Planeten und deren Sonnen*”
- Sternwarte Heilbronn, Germany (9/13): “*Das Licht fremder Welten: Extrasolare Planeten und deren Sonnen*”
- European Week of Astronomy & Space Science, Turku, Finland (7/13): “*Fundamental Stellar Parameters of Main-Sequence Stars with an Eye on Exoplanets*”
- Verein Deutscher Ingenieure (VDI), Munich, Germany (3/13): “*Das Licht fremder Welten: Extrasolare Planeten und deren Sonnen*”
- Sternwarte Solingen, Germany (12/12): “*Das Licht fremder Welten: Extrasolare Planeten und deren Sonnen*”
- Georgia State U., Atlanta, GA (8/12): “*Extrasolar Parents*”

Synergistic Activities:

- Creation of database of astronomical images (“Observational Mishaps”) which suffer from problems commonly encountered during observing runs to assist astronomers in diagnosing and eliminating their image problems at the observatory itself.
- Referee for the *Astronomical Journal*, *Astrophysical Journal*, *Publications of the Astronomical Society of the Pacific*, *Monthly Notices of the Royal Astronomical Society*.
- Reviewer for NASA Postdoctoral, Kepler GO, & NASA Origins Programs, Deutscher Akademischer Austauschdienst (DAAD)
- Member of various Telescope Time Allocation Committees.
- Teaching Experience: at U of Michigan, taught as teaching assistant and/or principal instructor all available 100-level astronomy classes.
- Numerous volunteer and outreach activities and presentations.

Observing:

- Extensive observing experience: over 350 nights total at: MDM 1.3m & 2.4m, CTIO 0.9m & 4m, SMARTS 1m, KPNO 2.1m & 4m, LCO 1m & 2.5m, WIYN 0.9m & 3.5m, Palomar 200inch, Magellan 6.5m, CHARA Interferometer (Classic, PAVO, MIRC), Keck 2 Telescope, Infrared Telescope Facility, Lowell 42”, Keck Interferometer.
- *UBVRIJHK* and Spitzer Space Telescope 24- μ m direct imaging, IR narrow-band time-series imaging, adaptive optics, NIR/optical spectroscopy (single/multi-slit, multi-fibers, Echelle, Gas Cell) at low/med/high resolution, optical/NIR interferometry.
- Engineering of Echelle CCD at MDM 1.3m, including linearity measurements, bias / gain determination, dark current / read noise reduction, etc.
- Training of collaborators in observing techniques at MDM and LCO Observatories.

Students / Postdocs

- Supervision of graduate student Alan Payne (James Cook University)
- Co-supervision of graduate student Diane Dragomir (University of British Columbia) and Postdoc Gail Schaefer (Georgia State University / CHARA Array)

Languages:

- German & English (native fluency), French (fluent), Spanish (basic)

Book Publication

- *Extrasolar Planets and Their Host Stars* – von Braun, K., & Boyajian, T. S. 2017, SpringerBrief (astro-ph/1707.07405)

Journal Publications (reverse chronological order)

- *Precision Stellar Characterization of FGKM Stars using an Empirical Spectral Library* – Yee, S. W., et al. 2017, ApJ, 836, 77
- *Characterization of the Wolf 1061 Planetary System* – Kane, S. R., et al., 2017, ApJ, 835, 200
- *Three Temperate Neptunes Orbiting Nearby Stars* – Fulton, B. J., et al. 2016, ApJ, 830, 46
- *Application of the Trend Filtering Algorithm for Photometric Time Series Data* -- Gopalan, G., et al. 2016, PASP, 128, 084504
- *A High-Precision NIR Survey for Radial Velocity Variable Low-Mass Stars Using CSHELL and a Methane Gas Cell* -- Gagne, J., et al. 2016, ApJ, 822, 40
- *Retrieval of Precise Radial Velocities from Near-Infrared High Resolution Spectra of Low Mass Stars* -- Gao, P., et al. 2016, PASP, 128, 104501
- *Spitzer IRAC Sparsely Sampled Phase Curve of the Exoplanet WASP-14b* -- Krick, J. E., et al. 2016, ApJ, 824, 27
- *Erratum: How to Constrain Your M Dwarf: Measuring Effective Temperature, Bolometric Luminosity, Mass, and Radius (ApJ, 804, 64)* -- Mann, A. W., et al. 2016, ApJ, 819, 87
- *Follow-Up Observations of PTFO 8-8695B: A 3 Myr Old T-Tauri Star Hosting a Jupiter-mass Planetary Candidate* -- Ciardi, D. R., et al. 2015, ApJ, 809, 42
- *A Comprehensive Characterization of the 70 Virginis Planetary System* – Kane, S. R., et al. 2015, ApJ, 804, 60
- *How to Constrain Your M Dwarf: measuring effective temperature, bolometric luminosity, radius, and mass* – Mann, A. W., et al. 2015, ApJ, 804, 64
- *Stellar Parameters for HD 69830, a Nearby Star with Three Neptune Mass Planets and an Asteroid Belt* – Tanner, A., et al. 2015, ApJ, 800, 115
- *Revised Filter Profiles and Zero Points for Broadband Photometry* – Mann, A. W., & von Braun, K. 2015, PASP, 127, 102
- *Benchmark Stars for Gaia: Fundamental Properties of the Population II Star HD 140283 from Interferometric, Spectroscopic, and Photometric Data* – Creevey, O. L., et al. 2015, A&A, 575, 26

- *Stellar Diameters and Temperatures VI. High angular resolution measurements of the exoplanet host stars HD 189733 and HD 209458 and implications for models of cool dwarfs* -- Boyajian, T. S., et al. 2015, MNRAS, 447, 846
- *Imaging the Expanding Fireball of Nova Delphini 2013* – Schaefer, G. H., et al. 2014, Nature, 515, 234
- *The NASA-UC-UH Eta-Earth Program: IV. A Low-mass Planet Orbiting an M Dwarf 3.6 PC from Earth* – Howard, A. W., et al. 2014, ApJ, 794, 51
- *The Physical Parameters of the Retired A Star HD 185351* – Johnson, J. A., et al. 2014, ApJ, 794, 15
- *Erratum: "Stellar Diameters and Temperatures. II. Main-Sequence K- and M-Dwarfs" (2012, ApJ, 757, 112)* – Boyajian, T. S., et al. 2014, ApJ, 790, 166
- *Erratum: "Stellar Diameters and Temperatures. III. Main Sequence A, F, G, and K Stars: Additional High-precision Measurements and Empirical Relations" (2013, ApJ, 771, 40)* – Boyajian, T. S., et al. 2014, ApJ, 787, 92
- *The 55 Cancri Planetary System: Fully Self-Consistent N-body Constraints and a Dynamical Analysis* – Nelson, B. et al. 2014, MNRAS, 441, 442
- *Stellar Diameters and Temperatures V. Eleven Newly Characterized Exoplanet Host Stars* – von Braun, K., et al. 2014, MNRAS, 438, 2413
- *Stellar Diameters and Temperatures IV. Predicting Stellar Angular Sizes* – Boyajian, T. S., et al. 2014, AJ, 147, 47
- *The NASA Exoplanet Archive: Data and Tools for Exoplanet Research* – Akeson, R. L., et al. 2013, PASP, 125, 989
- *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
- *Host Star Properties and Transit Exclusion for the HD 38529 Planetary System* – Henry, G. W., et al. 2013, ApJ, 768, 155
- *Habitable Planets Eclipsing Brown Dwarfs: Strategies for Detection and Characterization* – Belu, A. R., et al. 2013, ApJ, 768, 125
- *Characterizing the Cool KOIs. V. KOI-256: A Mutually Eclipsing Post-common Envelope Binary* – Muirhead, P. S., et al. 2013, ApJ, 767, 111
- *M Dwarf Stars in the Light of (Future) Exoplanet Searches* – Rojas-Ayala, B. et al. 2013, AN, 334, 155
- *The CHARA Array Angular Diameter of HR 8799 Favors Planetary Masses for Its Imaged Companions* – Baines, E. K., et al. 2012, ApJ, 761, 57
- *The Discovery of HD 37605c and a Dispositive Null Detection of Transits of HD 37605b* – Wang, S. X., et al. 2012, ApJ, 761, 46
- *Stellar Diameters and Temperatures II. Main Sequence K & M Stars* – Boyajian, T. S., et al. 2012, ApJ, 757, 112
- *Cyclic Transit Probabilities of Long-Period Eccentric Planets due to Periastron Precession* – Kane, S. R., et al. 2012, ApJ, 757, 105
- *The Exoplanet Eccentricity Distribution from Kepler Planet Candidates* – Kane, S. R., et al. 2012, MNRAS, 425, 757

- *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
- *The HD 192263 System: planetary orbital period and stellar variability disentangled* – Dragomir, D., et al. 2012, ApJ, 754, 37
- *Characterizing the Cool KOIs II. The M Dwarf KOI-254 and its Hot Jupiter* – Johnson, J. A., et al. 2012, ApJ, 143, 111
- *Stellar Diameters and Temperatures I. Main Sequence A, F, & G Stars* – Boyajian, T. S., et al 2012, ApJ, 746, 101
- *The Dynamical Mass and Three-Dimensional Orbit of HR 7672B: A Benchmark Brown Dwarf with High Eccentricity* – Crepp, J. R., et al. 2012, ApJ, 751, 97
- *The PTF Orion Project: a Possible Planet Transiting a T-Tauri Star* – van Eyken, J. C., et al. 2012, ApJ, 755, 42
- *Uncloaking Globular Clusters in the Inner Galaxy* – Alonso-Garcia, J., et al. 2012, AJ, 143, 70
- *A Search for the Transit of HD 168443b: Improved Orbital Parameters and Photometry* – Pilyavsky, G. et al. 2011, ApJ, 743, 162
- *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
- *Planetary Phase Variations of the 55 Cancri System* – Kane, S. R., et al. 2011, ApJ, 740, 61
- *TERMS Photometry of Known Transiting Exoplanets* – Dragomir, D., et al. 2011, AJ, 142, 115
- *The PTF Orion Project: Eclipsing Binaries and Young Stellar Objects* – van Eyken, J. C., et al. 2011, AJ, 142, 60
- *Improved Orbital Parameters and Transit Monitoring for HD 156846b* – Kane, S. R., et al. 2011, ApJ, 733, 28
- *The Burrell-Optical-Kepler-Survey (BOKS) I: Survey Description and Initial Results* – Feldmeier, J. J., et al. 2011, AJ, 142, 2
- *Astrophysical Parameters and Habitable Zone of the Exoplanet Hosting Star GJ 581* – von Braun, K., et al. 2011, ApJ, 729, L26
- *Mapping Differential Reddening in the Inner Galactic Globular Cluster System* – Alonso-Garcia, J., et al. 2010, AJ, 141, 146
- *Characterizing the Variability of Stars with Early-Release Kepler Data* – Ciardi, D. R., et al. 2011, AJ, 141, 108
- *Kepler Observations of Three Pre-Launch Exoplanet Candidates: Discovery of Two Eclipsing Binaries and a New Exoplanet* – Howell, S. B., et al. 2010, ApJ, 725, 1633
- *Accurate Coordinates and 2MASS Cross-IDs for (Almost) All Gliese Catalog Stars* – Stauffer, J., et al. 2010, PASP, 122, 895
- *Refining Exoplanet Ephemerides and Transit Observing Strategies* – Kane, S. R., Mahadevan, S., von Braun, K., Laughlin, G., & Ciardi, D. R. 2009, PASP, 121, 1386
- *Exoplanetary Transit Constraints Based upon Secondary Eclipse Considerations* – Kane, S. R., & von Braun, K. 2009, PASP, 121, 1096

- *Observational Window Functions in Planet Transit Searches* – von Braun, K., Kane, S. R., & Ciardi, D. R. 2009, ApJ, 702, 779
- *The LAEX and NASA Portals for CoRoT Public Data* – Solano, E., et al. 2009, A&A, 506, 455
- *Directly Determined Linear Radii and Effective Temperatures of Exoplanet Host Stars* – van Belle, G. T. & von Braun, K. 2009, ApJ, 694, 1085
- *Strong Water Absorption in the Dayside Emission Spectrum of the Exoplanet HD 189733b* – Grillmair, C., et al. 2008, Nature, 456, 767
- *Constraining Orbital Parameters Through Planetary Transit Monitoring* -- Kane, S. R., & von Braun, K. 2008, ApJ, 689, 492
- *Spitzer 24-micron Time-Series Observations of the Eclipsing M-dwarf Binary GU Bootis* -- von Braun, K., van Belle, G. T., Ciardi, D. R., López-Morales, M., Hoard, D. W., and Wachter, S. 2008, ApJ, 677, 545
- *The Astrobiology Primer – An Outline of General Knowledge* – Editors: Mix, L. J., Armstrong, J. C., Mandell, A. M., Mosier, A. C., Raymond, S. N., Stewart, F. J., von Braun, K., and Zhaxybayeva, O. 2006, Astrobiology, 6, 735 (astro-ph/0610926)
- *Deep Impact: Observations from a Worldwide Earth-Based Campaign* – Meech, K. J., et al. 2005, Science, 310, 265
- *Searching for Planetary Transits in Galactic Open Clusters: EXPLORE/OC* – von Braun, K., et al. 2005, PASP, 117, 125
- *A Search for Eclipsing Binaries in Galactic Globular Clusters* – von Braun, K. 2003, PASP, 115, 272
- *A Search for Eclipsing Binaries in Galactic Globular Clusters* – von Braun, K. 2002, PhD Dissertation
- *The Ia Supernova 1999aw: a Probable 1999aa-like Event in a Low-luminosity Host Galaxy* – Strolger, L.-G., et al. 2002, AJ, 124, 2905
- *Photometry Results for the Globular Clusters M10 and M12: Extinction Maps, Color-Magnitude Diagrams, and Variable Star Candidates* – von Braun, K., et al. 2002, AJ, 124, 2067
- *Variable Stars in the Field of the Globular Cluster NGC 3201* – von Braun, K., and Mateo, M. 2002, AJ, 123, 279
- *Multiwavelength Monitoring of the Narrow-Line Seyfert 1 Galaxy Arakelian 564. III. Optical Observations and the Optical—UV—X-ray Connection* – Shemmer, O., et al. 2001, ApJ, 561, 162
- *An Extinction Map and Color-Magnitude Diagram for the Globular Cluster NGC 3201* – von Braun, K., and Mateo, M. 2001, AJ, 121, 1522
- *Color-Color Relations for Red Giants in Star Clusters* – von Braun, K., et al. 1998, PASP, 110, 810
- *Tests of the Tully-Fisher Relation. II. Scatter Using Optical Rotation Curves* – Raychaudhury, S., et al. 1997, AJ, 113, 2046

Conference Proceedings, Abstracts, & Other (reverse chronological order)

- *Precise Radial Velocity First Light Observations with iSHELL* – Cale, B. L., et al. 2017, BAAS, 229, #403.06

- *Discovery of Two Jovian Planet Candidates Around AU Mic* – Plavchan, P., et al. 2017, BAAS, 229, #320.04
- *The PTI Giant Star Angular Size Survey: Effective Temperatures and Linear Radii* – van Belle, G., et al. 2017, BAAS, 229, #240.28
- *Precise Near-Infrared Radial Velocities* -- Plavchan, P., et al. 2016, Proceedings IAU Symposium, 314, 286
- *Stellar Angular Diameter Relations for Microlensing Surveys* – Adams, A., et al. 2016, BAAS, 227, #138.04
- *The PTI Giant Star Angular Size Survey: Effective Temperatures and Linear Radii* – van Belle, G., et al. 2016, BAAS, 227, #345.12
- *Testing Asteroseismic Scaling Relations with Interferometry* – White, T. R., et al. 2015, EPJ Web of Conferences, 101, 06868
- *Spitzer Sparsely Sampled Phase Curve of WASP-14b* – Krick, J., et al. 2015, IAUGA, 29, #2258223
- *Precise Near-Infrared Radial Velocities* – Plavchan, P., et al. 2015, IAU Proceedings, 314, 286
- *Fundamental Parameters of the Two Hall-of-Famers HD 189733 and HD 209458* – von Braun, K., et al. 2015, BAAS, 225, #257.02
- *Empirically determined properties of the K-dwarf HD 189733 and implications for evolutionary models of low-mass stars* – Boyajian, T. S., et al. 2015, BAAS, 225, #257.03
- *Precise Near-Infrared Radial Velocities* – Plavchan, P., et al. 2015, BAAS, 225, #258.21
- *Retrieval of Precise Radial Velocities from High Resolution Near-Infrared Spectra of M Dwarfs* – Gao, P., et al. 2015, BAAS, #258.22
- *The PTI Giant Star Angular Size Survey: Effective Temperatures & Linear Radii* – van Belle, G. T., et al. 2015, BAAS, 225, #342.05
- *Developing Geostationary Satellite Imaging at the Navy Precision Optical Interferometer* -- van Belle, G., et al. 2015, Proceedings of the Advanced Maui Optical and Space Surveillance Technologies Conference
- *Touchstone Stars: Highlights from the Cool Stars 18 Splinter Session* – Mann, A. W., et al. 2014, Proceedings of Cool Stars 18 (astro-ph/1410.6807)
- *Some Recent Results from the CHARA Array* – ten Brummelaar, T. A., et al. 2014, ASP Proceedings, 487, 389 (astro-ph/1107.2890)
- *Characterizing the Parents: Exoplanets Around Cool Stars* – von Braun, K., et al. 2014, Proceedings of Cool Stars 18 (astro-ph/1408.0175)
- *Direct Imaging of Planet Transit Events* – van Belle, G. T., et al. 2014, IAU Proceedings, 293, 348
- *The PTI Giant Star Angular Size Survey -- Effective Temperatures and Linear Radii* – van Belle, G. T., et al. 2014, BAAS, 223, #441.33
- *Observations of the Pre-Main Sequence Exoplanet Candidate PTF0 8-8695* – Ciardi, D. R., et al. 2014, BAAS, 223, #430.03
- *Precise Near-Infrared Radial Velocities* – Plavchan, P. P., et al. 2014, BAAS, 223, #430.02

- *Stellar Parameters for HD 69830, a Nearby Star with Three Neptune Mass Planets and an Asteroid Belt* – Tanner, A. M., et al. 2014, BAAS, 223, #347.27
- *Predicting Stellar Angular Diameters* – von Braun, K., et al. 2013, EAS Publications Series, 64, 429
- *Stellar Diameters and Temperatures Along the Main Sequence* – Boyajian, T. S. & von Braun, K., EAS Publications Series, 64, 111
- *Precision Near-Infrared Radial Velocities* – Plavchan, P. P., et al. 2013, AAS/DPS, #45, #204.02
- *Precision near-infrared radial velocity instrumentation I: Absorption Gas Cells* – Plavchan, P. P., et al. 2013, SPIE Proceedings “Techniques and Instrumentation for Detection of Exoplanets VI” (astro-ph/1309.2992)
- *Precision near-infrared radial velocity instrumentation II: Non-Circular Core Fiber Scrambler* – Plavchan, P. P., et al. 2013, SPIE Proceedings “Techniques and Instrumentation for Detection of Exoplanets VI” (astro-ph/1309.2991)
- *Fundamental Parameters and Habitable Zones of Exoplanet Host Stars* – von Braun, K., et al. 2013, PP6 Heidelberg, #2K060
- *Direct Determination of Physical Parameters for Main-Sequence Stars* – Rabus, M., et al. 2013, PP6, Heidelberg, #1K090
- *TERMS and Conditions of Transiting Exoplanets* – Hinkel, N. R., et al. 2013, BAAS, 221, #343.05
- *The NASA Exoplanet Archive* – Ramirez, S., et al. 2013, BAAS, 221, #334.01
- *Precision Near-Infrared Radial Velocity Instrumentation and Exoplanet Survey* – Plavchan, P., et al. 2013, BAAS, 221, #109.06
- *Exoplanets, Cool Stars, and Interferometry* – von Braun, K., et al. 2012, BAAS, 220, #550.06
- *A New Spitzer IRAC Technique to Characterize Exoplanet Atmospheres* – Krick, J., et al. 2012, BAAS, 220, #550.01
- *Precision Near-Infrared Radial Velocities* – Plavchan, P., et al. 2012, BAAS, 220, #120.08
- *The GJ 876 System: Fundamental Stellar Parameters and Planets in the Habitable Zone* – von Braun, K., et al. 2012, BAAS, 219, #110.05
- *Fundamental Properties of Main-Sequence Stars* – Boyajian, T. S., et al. 2012, BAAS, 219, #345.01
- *Precision Near-Infrared Radial Velocities* – Plavchan, P., et al. 2012, BAAS, 219, #245.01
- *Recent Operational Improvements to High Precision Photometric Observations with Warm IRAC* – Carey, S. J., et al. 2012, BAAS, 219, #245.12
- *The TERMS Project: Improved Orbital Parameters and Photometry of HD 168443 and the Photometry Pipeline* – Pilyavsky, G., et al. 2012, BAAS, 219, #432.06
- *Interferometric Studies of Exoplanet Host Stars* – von Braun, K., et al. 2011, EPSC-DPS Joint Meeting, p. 1622
- *A Comparative Study of the Atmospheres of Transiting Exoplanets* – von Braun, K., et al. 2011, ESS, 2, #40.24
- *The TERMS Project: Systematic Transit Exclusion* – Kane, S. R., et al. 2011, ESS, 2, #19.15

- *The 55 Cancri System: Fundamental Stellar Parameters, Habitable Zone Planet, and Super-Earth Diameter* -- von Braun, K. et al. 2011, Proceedings of the 2nd CoRoT Symposium (astro-ph/1107.1936)
- *The NStED Periodogram Service and Interface for Public CoRoT Data* -- von Braun, K., et al. 2011, Proceedings of the 2nd CoRoT Symposium (astro-ph/1107.1933)
- *The GJ 436 System: Directly Determined Exoplanetary Diameter and Fundamental Stellar Parameters* – von Braun, K., et al. 2011, BAAS, 218, #218.03
- *Young Low-Mass Companion Candidates from the PTF Orion Planet Search Program* – van Eyken, J. C., et al. 2011, BAAS, 218, #218.05
- *Improving Transit Predictions of Known Exoplanets with TERMS* – Kane, S. R., et al. 2011, BAAS, 218, #128.03
- *Diameters and Temperatures of Main-Sequence Stars* – Boyajian, T. S., et al. 2011, BAAS, 218, #323.06
- *Fundamental Astrophysical Parameters for the Late-Type Exoplanet Host Stars GJ 581, GJ 614, and GJ 649* – von Braun, K., et al. 2011, BAAS, 217, #415.04
- *Distances to Eclipsing M-Dwarf Binary Systems* – Schaefer, G., et al. 2011, BAAS, 217, #242.23
- *Sizing Up the Stars* – Boyajian, T. S., et al. 2011, BAAS, 217, #242.03
- *Results from the PTF Orion Planet Search Program* – van Eyken, J. C., et al. 2011, BAAS, 217, #220.05
- *Transit Monitoring of Known Exoplanets with TERMS* – Kane, S. R., et al. 2011, BAAS, 217, #220.03
- *Fundamental Properties of Cool Stars with Interferometry* – Boyajian, T. S., et al. 2011, ASPC, 448, 811 (astro-ph/1012.0542)
- *System Geometries and Transit/Eclipse Probabilities* – von Braun, K., et al. 2010, “Detection and Dynamics of Transiting Exoplanets”, St. Michel l’Observatoire, France, EPJ Web of Conferences, Volume 11, id.06006 (astro-ph/1011.1471)
- *Improving Transit Predictions of Known Exoplanets with TERMS* -- Kane, S. R., et al. 2010, “Detection and Dynamics of Transiting Exoplanets”, St. Michel l’Observatoire, France, EPJ Web of Conferences, Volume 11, id.06005 (astro-ph/1011.0439)
- *The PTF Orion Planet-Search: Preliminary Results from the First Data Set* – van Eyken, J., et al. 2010, AAS/DPS, #42, #27.06
- *XO-Mass: Fundamental Astrophysical Parameters of Exoplanet Hosting Stars* – von Braun, K., van Belle, G. T., & Ciardi, D. R. 2010, BAAS, 216, #425.07
- *Fundamental Properties of Low-Mass Stars with Long-Baseline Optical / Infrared Interferometry* – Boyajian, T. S., et al. 2010, BAAS, 216, #423.06
- *The PTF Orion Planet-Search: Early Results from the First Data Set* – van Eyken, J., et al. 2010, BAAS, 216, #425.04
- *Transit and Eclipse Probabilities of Intermediate and Long-Period Exoplanets* -- von Braun, et al. 2010, BAAS, 215, #328.01
- *Exploring the Exoplanet Mass/Radius Relationship with the Transit Ephemeris Refinement and Monitoring Survey (TERMS)* -- Kane, S. R., et al. 2010, BAAS, 215, #328.02

- *Preliminary Results from the PTF Orion Planet Search Program* -- van Eyken, J. et al. 2010, BAAS, 215, #421.22
- *Fundamental Properties of Low Mass Stars* -- Boyajian, T., et al. 2010, BAAS, 215, #424.21
- *First Results from the Transit Ephemeris Refinement and Monitoring Survey (TERMS)* – Kane, S. R., et al. 2009, ASP Conf. Proceedings: “*Pathways Towards Habitable Planets*”, Barcelona, Spain, p. 464 (astro-ph/0912.1374)
- *Constraints on Secondary Eclipse Probabilities of Long-Period Exoplanets from Orbital Elements* – von Braun, K., & Kane, S. R. 2009, ASP Conf. Proc.: “*Pathways Towards Habitable Planets*”, Barcelona, Spain, p. 551 (astro-ph/0911.3419)
- *Exoplanet Characterization and the Search for Life* – Kasting, J., et al 2009, Astro2010 Decadal Review (astro-ph/0911.2936)
- *Constraints on Transit and Eclipse Probabilities of Long-Period Exoplanets from Orbital Elements* – von Braun, K., & Kane, S. R. 2009, AAS/DPS #41, #68.06
- *The PTF Orion Planet Search-Project* -- van Eyken, J., et al. 2009, BAAS, 214, #606.06
- *Scanning Radial Velocity Planets for Transit/Eclipse Signatures* -- Kane, S. R., and von Braun, K. 2009, BAAS, 214, #434.02
- *Observational Window Functions in Planet Transit Searches* -- von Braun, K., et al. 2009, BAAS, 214, #434.03
- *The NASA/IPAC/NExSci Star and Exoplanet Database* – Berriman, G. B., et al. 2009, Proceedings of the 15th Cambridge Workshop on Cool Stars, Stellar Systems and the Sun. AIP Conference Proceedings, Volume 1094, pp. 421-424
- *Photometric Transit Detections of Radial Velocity Planets* – Kane, S. R., and von Braun, K. 2009, BAAS, 213, #402.04
- *Exoplanet Community Report on Radial Velocity* – Torres, G., et al. 2009, BAAS, 213, #310.06
- *The NStED Exoplanet Transit Survey Service* -- von Braun, K., et al. 2009, Transiting Planets, Proceedings of the International Astronomical Union, IAU Symposium, Volume 253, p. 478-481 (astro-ph/0806.3979)
- *The NStED Stellar and Exoplanet Hosting Star Service* -- Ramirez, S., et al. 2009, Transiting Planets, Proceedings of the International Astronomical Union, IAU Symposium, Volume 253, p. 474-477 (astro-ph/0806.4611)
- *Transit Detection of Radial Velocity Planets* -- Kane, S. R., & von Braun, K. 2009, Transiting Planets, Proceedings of the International Astronomical Union, IAU Symposium, Volume 253, p. 358-361 (astro-ph/0807.0006)
- *Burrell-Optical-Kepler Survey (BOKS): A Variability Study in the Kepler Field* – Proctor, A. L., et al 2009, Transiting Planets, Proceedings of the International Astronomical Union, IAU Symposium, Volume 253, p. 416-419
- *Constraining Orbital Parameters of Extrasolar Planets Through Transit Monitoring* – von Braun, K., and Kane, S. R. 2009, AAS/DPS #40, #11.22
- *Gattini: A Multisite Campaign for the Measurement of Sky Brightness in Antarctica* -- Moore, A., et al. 2008, in "Ground-based and Airborne Telescopes II". Edited by Stepp, Larry M. & Gilmozzi, Roberto. Proceedings of the SPIE, Volume 7012, pp. 701226-701226-10

- *Directly Determined Radii and Effective Surface Temperatures of Exoplanet Host Stars*: von Braun, K. and van Belle, G.T. 2008, BAAS, 212, #44.01
- *The NASA Star and Exoplanet Database: The ExoPlanet Transit Survey Service*: Ciardi, D.R., et al. 2008, BAAS, 212, #10.06
- *The NASA Star and Exoplanet Database: The Stellar Archive*: Stauffer, J. R., et al. 2008, BAAS, 212, #10.07
- *Observational Window Functions in Planet Transit Searches* -- von Braun, K. and Ciardi, D. R. 2007, BAAS, 211, #134.06
- *Burrell-Optical-Kepler Survey (BOKS): Exo-planet Search In Cygnus* -- Proctor, A., et al. 2007, BAAS, 211, #134.12
- *Observational Window Functions in Planet Transit Searches* -- von Braun, K. and Ciardi, D. R. 2007, "Exoplanets: Detection, Formation and Dynamics", Proceedings of the International Astronomical Union, IAU Symposium, Volume 249, p. 93-100 (astro-ph/0711.4256)
- *The Spitzer 24-micron Photometric Light Curve of the Eclipsing M-dwarf Binary GU Bootis* -- von Braun, K., et al. S. 2007, 14th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun; ASP Conference Series, Vol. 384, editor G. T. van Belle, p.233 (astro-ph/0708.0699)
- *Constraints on the Fundamental Stellar Parameters of an Eclipsing Binary Blue Straggler in the Globular Cluster NGC 3201* – von Braun, K., et al. 2007, BAAS, 210, #03.03
- *Analysis of the Spitzer/MIPS24 Light Curve of the M-dwarf Eclipsing Binary GU Boo* – von Braun, K., et al. 2007, BAAS, 209, #151.03
- *Burrell-Optical-Kepler Survey (BOKS) I: Survey Description* – Feldmeier, J. J., et al. 2007, BAAS, 209, #162.15
- *Burrell-Optical-Kepler Survey (BOKS) II: Early Variability Results* – Howell, S., et al. 2007, BAAS 209, #162.16
- *The Spitzer 24-micron Photometric Light Curve of the Eclipsing M-dwarf Binary GU Bootis* – von Braun, K., et al. 2006, Cool Stars 14, #297
- *Spitzer Observations of the Eclipsing Binary GU Boötes* – van Belle, G., et al. 2006, IAUS, 240, 54
- *EXPLORE/OC: Photometry Results for the Open Cluster NGC 2660* – von Braun, K., et al. 2005, Aspen Astrophysics Conference
- *First Results from the EXPLORE/OC Survey* – von Braun, K., et al. 2004, Astrobiology, 4, 302
- *Himmelszyklen und Zivilisation* – von Braun, C.-F. & von Braun, K. 2004, Technik in Bayern, 6/2004, pp 8-9
- *EXPLORE/OC: A Search for Planetary Transits in the Field of the Southern Open Cluster NGC 2660* – von Braun, K., et al. 2004 AIP Conf Proceedings "The Search for Other Worlds", 713, 181 (astro-ph/0312217)
- *EXPLORE/OC: A Search for Planetary Transits in the Field of the Southern Open Cluster NGC 6208* – Lee, B. L., et al. 2004; AIP Conf Proceedings "The Search for Other Worlds", 713, 177 (astro-ph/0312397)
- *Possible Transiting Planet Candidates from the EXPLORE Project* – Mallén-Ornelas, G., et al. 2003, BAAS, 201, #96.04

- *The EXPLORE Project: A Deep Search for Transiting Extrasolar Planets at the KPNO and CTIO 4m Telescopes* – Mallén-Ornelas, G., et al. 2003, BAAS, 201, #104.10
- *Variable Stars in the Fields of the Globular Clusters M10 and M12* – von Braun, K., et al. 2002, BAAS, 199, #56.14
- *NGC 3201 Photometry Results: Differential Extinction Map, Color-Magnitude Diagram, and Variable Star Candidates* – von Braun, K., and Mateo, M. 2001, BAAS, 198, #42.07
- *Observational Mishaps: a Database* – von Braun, K., et al. 1999, BAAS, 194, #44.03
- *Observational Mishaps: a Database* – von Braun, et al. 1999, I.A.P.P.P Communications No 75, 62 (astro-ph/9906195)
- *Eclipsing Binary Stars in Globular Clusters* – von Braun, K., et al. 1996, BAAS, 189, #71.12