

Dr. Kaspar von Braun

Lowell Observatory,
Flagstaff, AZ

kaspar@lowell.edu
lowell.edu/people/dr-kaspar-von-braun

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

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)

- *Directly Determined Properties of HD 97658 from Interferometric Observations* – Ellis, T. G., et al. 2021, AJ, 162, 118

- *Direct Measurements of Giant Star Effective Temperatures and Linear Radii: Calibration Against Spectral Types and V-K Color* – van Belle, G. T., et al. 2021, ApJ, accepted (arXiv:2107.09205)
- *A planet within the debris disk around the pre-main-sequence star AU Microscopii* – Plavchan, P., et al. 2020, Nature 582, 497
- *HST/FGS Trigonometric Parallaxes of M-dwarf Eclipsing Binaries* – von Belle, G. T., et al. 2020, PASP, 132, 054201
- *Precise Radial Velocities of Cool Low-mass Stars with iSHELL* -- Cale, B., et al. 2019, AJ, 158, 170
- *A discontinuity in the Teff-radius relation of M-dwarfs* -- Rabus, M., et al. 2019, MNRAS, 484, 2674□
- *Towards Reliable uncertainties in IR interferometry: the bootstrap for correlated statistical and systematic errors* -- Lachaume, R., et al. 2019, MNRAS, 484, 2656
- *Benchmarking Substellar Evolutionary Models Using New Age Estimates for HD 4747 B and HD 19467 B* -- Wood, C. M., et al. 2019, ApJ, 873, 83
- *The First Post-Kepler Brightness Dips of KIC 8462852* – Boyajian, T. S., et al. 2018, ApJ, 853L, 8
- *Predicting Stellar Angular Diameters from V, I_C, H, K Photometry* – Adams, A. D., et al. 2017, MNRAS, 437, 3608
- *Erratum: “Stellar Diameters and Temperatures. II. Main-sequence K- and M-stars” (2012, ApJ, 757, 112)* – Boyajian, T. S., et al. 2017, ApJ, 845, 178
- *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)

- *First Results from the POKEMON Speckle Survey of Nearby M-dwarfs* – Clark, C. A., et al. 2021, CS20.5, id.236
- *The optomechanical design of the Quad-camera Wavefront-sensing Six-channel Speckle Interferometer (QWSSI)* – Clark, C. A., et al. 2020, Proc. SPIE 11446
- *The POKEMON Speckle Survey of Nearby M-dwarfs* -- Clark, C., et al. 2020, BAAS, 235, #256.06
- *Precise Radial Velocities of Cool Low Mass Stars with iSHELL* -- Cale, B., et al. 2020, BAAS, 245, #458.02
- *Understanding the Multiplicity of TESS Exoplanet Host Candidates* -- Clark, C., et al. 2019, ESS, 4, #316.03
- *Stellar Radius Measurements of the Young Debris Disk Host AU Mic* -- White, R., et al. 2019, BAAS, 233, #259.41
- *The POKEMON Speckle Survey of Nearby M-dwarfs* -- Clark, C., et al. 2019, BAAS, 233, #259.03
- *High Angular Resolution Astrophysics: Fundamental Stellar Parameter* -- van Belle, G., et al. 2019, BAAS, 51, 381 (arXiv: 1903:06750)
- *Precise Ages for the Benchmark Brown Dwarfs HD 19467 B and HD 4747 B* – Wood, C., et al. 2018, BAAS, 231, #450.05
- *The POKEMON Speckle Survey of Nearby M-Dwarfs* – van Belle, G., et al. 2018, BAAS, 231, #349.31
- *The PTI Giant Star Angular Size Survey: Effective Temperatures and Linear Radii* – van Belle, G., et al. 2017, BAAS, 229, #240.28
- *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

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