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EDUCATION

- 2001 Ph.D., Astronomy, University of Texas at Austin
1996 B.S., Astronomy & Physics, University of Arizona

EXPERIENCE

- 2012-present Research Scientist, Space Science Institute
2009-2012 Scientist II, National Center for Atmospheric Research
 High Altitude Observatory & Technology Development Division
2006-2009 Scientist I, National Center for Atmospheric Research
 High Altitude Observatory & Scientific Computing Division
2004-2006 NSF Astronomy & Astrophysics Postdoctoral Fellow
 High Altitude Observatory, National Center for Atmospheric Research
2002-2004 CfA Postdoctoral Fellow
 Harvard-Smithsonian Center for Astrophysics
2001-2002 TAC Postdoctoral Fellow
 Theoretical Astrophysics Center, Aarhus University, Denmark

HONORS

- 2008-2010 Chair, Employment Committee, American Astronomical Society
2005-present Google grant, White Dwarf Research Corporation
1999-2001 Co-chair, Graduate Student Assembly, University of Texas at Austin
1997 NSF Graduate Research Fellowship, Honorable Mention
1996 Phi Beta Kappa Honor Society, University of Arizona
1996 Undergraduate Research Achievement Award, University of Arizona
1995-1996 Undergraduate Research Fellowship, Honors Center, University of Arizona
1994-1996 Barry M. Goldwater National Scholarship, University of Arizona
1991-1992 NASA Space Grant, University of Arizona

INVITED TALKS

- 2011 Asteroseismic Modeling of Solar-like Oscillations
KITP Asteroseismology conference (Santa Barbara, CA)
- 2011 The HAO-NOAO-SMARTS Southern HK project
SORCE Science meeting (Sedona, AZ)
- 2011 The Dynamic Duo: Asteroseismology and Interferometry
Optical Interferometry Workshop (Socorro, NM)
- 2010 Determining Asteroseismic Radii and other Stellar Properties
Sagan Exoplanet Summer Workshop (Pasadena, CA)
- 2010 Asteroseismic Modeling of Solar-type Stars
Kepler Asteroseismic Science Consortium workshop (Aarhus, Denmark)
- 2010 First Results from the Kepler Mission
New Mexico State University Astronomy Colloquium (Las Cruces, NM)
- 2010 The Effect of Input Physics on Asteroseismic Models
HELAS IV meeting (Lanzarote, Spain)
- 2009 Sounding the Stars with Genetic Algorithms
Google Tech Talk (Mountain View, CA)
- 2008 Asteroseismology with the Kepler Mission
SOHO XXI / GONG 2008 meeting (Boulder, CO)
- 2008 A TeraGrid Science Gateway for Kepler Asteroseismic Data
Kepler Asteroseismic Science Consortium workshop (Aarhus, Denmark)
- 2007 An Asteroseismic Data-interpretation Pipeline for Kepler
Kepler Asteroseismic Science Consortium workshop (Orsay, France)
- 2007 Computational Seismology using Genetic Algorithms
European Geosciences Union General Assembly (Vienna, Austria)
- 2006 The Future of White Dwarf Asteroseismology
Workshop on the Future of Asteroseismology (Vienna, Austria)
- 2005 Computational Asteroseismology
AAS/SPD Summer School on Helioseismology (Boulder, CO)
- 2005 The Future of Stellar Seismology
University of Hawaii Institute for Astronomy (Honolulu, HI)
- 2004 Lessons for Asteroseismology from White Dwarf Stars
ARIES International Workshop on Asteroseismology (Nainital, India)

- 2003 Computational Asteroseismology
Yale University Astronomy Colloquium (New Haven, CT)
- 2002 Seismic Inference using Genetic Algorithms
Asteroseismology Across the H-R Diagram (Porto, Portugal)

GRANTS

- 2012-2014 PI, Analysis of Solar-like Oscillations in Archival Kepler Data
NASA, Astrophysics Data Analysis Program (\$415,352)
- 2011-2013 Co-I, Redefining the Standard Stellar Model
NASA, Astrophysics Theory Program (\$330,000)
- 2011-2012 Co-I, Kepler Observations of Flares on Solar-Type Stars
NASA, Kepler Guest Observer Program Cycle 3 (\$87,648)
- 2009-2011 PI, Delivering Kepler science through Windows to the Universe
NASA, Supplemental Outreach Award (\$30,000)
- 2009-2011 PI, Development of a Stellar Model-fitting Pipeline for Asteroseismic Data
NASA, Astrophysics Theory & Fundamental Physics (\$400,199)
- 2004-2006 PI, Asteroseismology of Sun-like Stars
NSF, Astronomy & Astrophysics Postdoctoral Fellowship (\$201,000)
- 2000-2002 Co-I, A Parallel GA-based approach to White Dwarf Pulsation Models
NASA, Applied Information Systems Research (\$231,825)

SERVICE

Advisory Committees

- 2010-present Career Network Advisory Committee, American Institute of Physics
- 2009-present Steering Committee, Stellar Observations Network Group
- 2009-2011 Telescope Allocation Committee
Las Cumbres Observatory Global Telescope Network
- 2009-2010 Demographics Study Group, Astro2010 Decadal Survey
National Academy of Sciences
- 2007-2011 Instrumentation Advisory Committee, High Altitude Observatory
- 2007-present Steering Committee, Kepler Asteroseismic Science Consortium
- 2006-2010 Employment Committee, American Astronomical Society

Education and Mentoring

- 2010-present Supervisor, postdoctoral fellows (Savita Mathur, Gülnur Doğan)
- 2009 Survival Skills for Scientists, Spring semester, University of Colorado
- 2008 Research co-mentor, SOARS undergraduate (Marques Cameron)
- 2008 Ph.D. thesis committee, Aarhus University, Denmark (Christoffer Karoff)
- 2008 Ph.D. thesis committee, University of La Laguna, Spain (Orlagh Creevey)
- 2007 Communications mentor, SOARS undergraduate (Alisha Fernandez)
- 2006-2008 Supervisor, Newkirk graduate fellow (Orlagh Creevey)
- 2005 Communications mentor, SOARS undergraduate (Anthony Didlake)
- 2005 Scientific Survival Skills, Fall semester, University of Colorado

Community Service

- 2010-2011 Conference Organizer, “From unprecedented data to revolutionary science”
4th Kepler Asteroseismic Science Consortium workshop, Boulder
- 2008-present Co-developer, Asteroseismic Modeling Portal (amp.ucar.edu)
TeraGrid Science Gateway
- 2008-2009 Session Organizer, “Portable Jobs: Soft Money and Research Institutes”
213th American Astronomical Society meeting, Long Beach
- 2007-present Program manager, “Activity cycles of southern asteroseismic targets”
NOAO long-term observing program (solar-stellar.org)
- 2006-2007 Session Organizer, “The Sound of Physics: Advances in coronal, helio-,
astero-, and terrestrial seismology”, XXIV IUGG meeting, Italy
- 2005-2010 Organizer, Solar-Stellar Coffee (weekly journal club)
- 2001-present Referee: A&A, ApJ, MNRAS, Nature, PASP

Ph.D. Thesis

Title: “Computational Asteroseismology”

Date: August 2001

Institution: University of Texas at Austin

Advisor: R. Edward Nather

First-Author Refereed Journal Articles

1. Metcalfe, T. S., Mathieu, R. D., Latham, D. W., & Torres, G., 1996: The Low-Mass Double-lined Eclipsing Binary CM Draconis: A Test of the Primordial Helium Abundance and the Mass-Radius Relation near the Bottom of the Main Sequence. *Astrophys. J.*, **456**, 356.
2. Metcalfe, T. S., 1999: Genetic-Algorithm-based Light-Curve Optimization Applied to Observations of the W Ursae Majoris Star BH Cassiopeiae. *Astron. J.*, **117**, 2503.
3. Metcalfe, T. S., Nather, R. E., & Winget, D. E., 2000: Genetic-Algorithm-based Asteroseismological Analysis of the DBV White Dwarf GD 358. *Astrophys. J.*, **545**, 974.
4. Metcalfe, T. S., Winget, D. E., & Charbonneau, P., 2001: Preliminary Constraints on $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ from White Dwarf Seismology. *Astrophys. J.*, **557**, 1021.
5. Metcalfe, T. S., 2001: Computational Asteroseismology. *Pub. Astron. Soc. Pacific*, **113**, 1308.
6. Metcalfe, T. S., Salaris, M., & Winget, D. E., 2002: Measuring $^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$ from White Dwarf Asteroseismology. *Astrophys. J.*, **573**, 803.
7. Metcalfe, T. S., & Charbonneau, P., 2003: Stellar structure modeling using a parallel genetic algorithm for objective global optimization. *J. Comput. Phys.*, **185**, 176.
8. Metcalfe, T. S., 2003: White Dwarf Asteroseismology and the $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ Rate. *Astrophys. J.*, **587**, L43.
9. Metcalfe, T. S., Montgomery, M. H., & Kawaler, S. D., 2003: Probing the core and envelope structure of DBV white dwarfs. *Mon. Not. R. Astron. Soc.*, **344**, L88.
10. Metcalfe, T. S., Montgomery, M. H., & Kanaan, A., 2004: Testing White Dwarf Crystallization Theory with Asteroseismology of the Massive Pulsating DA Star BPM 37093. *Astrophys. J.*, **605**, L133.
11. Metcalfe, T. S., Nather, R. E., Watson, T. K., Kim, S.-L., Park, B.-G., & Handler, G., 2005: An asteroseismic test of diffusion theory in white dwarfs. *Astron. Astrophys.*, **435**, 649.

12. Metcalfe, T. S., 2005: The Rise and Citation Impact of astro-ph in Major Journals. *Bull. Am. Astron. Soc.*, **37**, 555.
13. Metcalfe, T. S., 2005: A deeper understanding of white dwarf interiors. *Mon. Not. R. Astron. Soc.*, **363**, L86.
14. Metcalfe, T. S., 2006: The Citation Impact of Digital Preprint Archives for Solar Physics Papers. *Sol. Phys.*, **239**, 549.
15. Metcalfe, T. S., Dziembowski, W. A., Judge, P. G., & Snow, M., 2007: Asteroseismic signatures of stellar magnetic activity cycles. *Mon. Not. R. Astron. Soc.*, **379**, L16.
16. Metcalfe, T. S., 2008: The Production Rate and Employment of Ph.D. Astronomers. *Pub. Astron. Soc. Pacific*, **120**, 229.
17. Metcalfe, T. S., Creevey, O. L., & Christensen-Dalsgaard, J., 2009: A Stellar Model-fitting Pipeline for Asteroseismic Data from the Kepler Mission. *Astrophys. J.*, **699**, 373.
18. Metcalfe, T. S., Monteiro, M. J. P. F. G., Thompson, M. J., Molenda-Żakowicz, J., Appourchaux, T., Chaplin, W. J., Doğan, G., Eggenberger, P., Bedding, T. R., Bruntt, H., Creevey, O. L., Quirion, P.-O., Stello, D., Bonanno, A., Aguirre, V. Silva, Basu, S., Esch, L., Gai, N., Mauro, M. P. Di Mauro, Kosovichev, A. G., Kitiashvili, I. N., Suárez, J. C., Moya, A., Piau, L., García, R. A., Marques, J. P., Frasca, A., Biazzo, K., Sousa, S. G., Dreizler, S., Bazot, M., Karoff, C., Frandsen, S., Wilson, P. A., Brown, T. M., Christensen-Dalsgaard, J., Gilliland, R. L., Kjeldsen, H., Campante, T. L., Fletcher, S. T., Handberg, R., Régulo, C., Salabert, D., Schou, J., Verner, G. A., Ballot, J., Broomhall, A.-M., Elsworth, Y., Hekker, S., Huber, D., Mathur, S., New, R., Roxburgh, I. W., Sato, K. H., White, T. R., Borucki, W. J., Koch, D. G., & Jenkins, J. M., 2010: A precise asteroseismic age and radius for the evolved Sun-like star KIC 11026764. *Astrophys. J.*, **723**, 1583.
19. Metcalfe, T. S., Basu, S., Henry, T. J., Soderblom, D. R., Judge, P. G., Knölker, M., Mathur, S., & Rempel, M. 2010: Discovery of a 1.6 Year Magnetic Activity Cycle in the Exoplanet Host Star iota Horologii. *Astrophys. J.*, **723**, L213.
20. Metcalfe, T. S., 2011: The inner lives of red giants. *Nature*, **471**, 580.
21. Metcalfe, T. S., Chaplin, W. J., Appourchaux, T., Garcia, R. A., Basu, S., Brandao, I., Creevey, O. L., Deheuvels, S., Dogan, G., Eggenberger, P., Karoff, C., Miglio, A., Stello, D., Yildiz, M., Celik, Z., Antia, H. M., Benomar, O., Howe, R., Regulo, C., Salabert, D., Stahn, T., Bedding, T. R., Davies, G. R., Elsworth, Y., Gizon, L., Hekker, S., Mathur, S., Mosser, B., Bryson, S. T., Still, M. D., Christensen-Dalsgaard, J., Gilliland, R. L., Kawaler, S. D., Kjeldsen, H., Ibrahim, K. A., Klaus, T. C., & Li, J., 2012: Asteroseismology of the solar analogs 16 Cyg A and B from Kepler observations. *Astrophys. J.*, **748**, L10.

Other Refereed Journal Articles

1. Jedicke, R., & Metcalfe, T. S., 1998: The Orbital and Absolute Magnitude Distributions of Main Belt Asteroids. *Icarus*, **131**, 245.
2. Davidson, K., Gull, T. R., Humphreys, R. M., Ishibashi, K., Whitelock, P., Berdnikov, L., McGregor, P. J., Metcalfe, T. S., Polomski, E., & Hamuy, M., 1999: An Unusual Brightening Of Eta Carinae. *Astron. J.*, **118**, 1777.
3. Kepler, S. O., Mukadam, A., Winget, D. E., Nather, R. E., Metcalfe, T. S., Reed, M. D., Kawaler, S. D., & Bradley, P. A., 2000: Evolutionary Timescale of the Pulsating White Dwarf G117-B15A: The Most Stable Optical Clock Known. *Astrophys. J.*, **534**, L185.
4. Montgomery, M. H., Metcalfe, T. S., & Winget, D. E., 2001: The Effect of ^3He Diffusion on the Pulsational Spectra of DBV Models. *Astrophys. J.*, **548**, L53.
5. Kurtz, D. W., Kawaler, S. D., Riddle, R. L., Reed, M. D., Cunha, M. S., Wood, M., Silvestri, N., Watson, T. K., Dolez, N., Moskalik, P., Zola, S., Pallier, E., Guzik, J. A., Metcalfe, T. S., Mukadam, A. S., Nather, R. E., Winget, D. E., Sullivan, D. J., Sullivan, T., Sekiguchi, K., Jiang, X., Shobbrook, R., Ashoka, B. N., Seetha, S., Joshi, S., O'Donoghue, D., Handler, G., Mueller, M., Gonzalez Perez, J. M., Solheim, J.-E., Johannessen, F., Ulla, A., Kepler, S. O., Kanaan, A., da Costa, A., Fraga, L., Giovannini, O., & Matthews, J. M., 2002: Discovery of the 'missing' mode in HR1217 by the Whole Earth Telescope. *Mon. Not. R. Astron. Soc.*, **330**, L57.
6. Bottke, W. F., Morbidelli, A., Jedicke, R., Petit, J.-M., Levison, H. F., Michel, P., & Metcalfe, T. S., 2002: Debiased Orbital and Absolute Magnitude Distribution of the Near-Earth Objects. *Icarus*, **156**, 399.
7. Handler, G., Metcalfe, T. S., & Wood, M. A., 2002: The asteroseismological potential of the pulsating DB white dwarf stars CBS 114 and PG 1456+103. *Mon. Not. R. Astron. Soc.*, **335**, 698.
8. Kepler, S. O., Nather, R. E., Winget, D. E., Nitta, A., Kleinman, S. J., Metcalfe, T., Sekiguchi, K., Jiang, X., Sullivan, D., Sullivan, T., Janulis, R., Meistas, E., Kalytis, R., Krzesinski, J., Ogoza, W., Zola, S., O'Donoghue, D., Romero-Colmenero, E., Martinez, P., Dreizler, S., Deetjen, J., Nagel, T., Schuh, S. L., Vauclair, G., Ning, F. J., Chevreton, M., Solheim, J.-E., Gonzalez Perez, J. M., Johannessen, F., Kanaan, A., Costa, J. E., Murillo Costa, A. F., Wood, M. A., Silvestri, N., Ahrens, T. J., Jones, A. K., Collins, A. E., Boyer, M., Shaw, J. S., Mukadam, A., Klumpe, E. W., Larrison, J., Kawaler, S., Riddle, R., Ulla, A., & Bradley, P., 2003: The everchanging pulsating white dwarf GD358. *Astron. Astrophys.*, **401**, 639.
9. Handler, G., O'Donoghue, D., Müller, M., Solheim, J.-E., Gonzalez-Perez, J. M., Johannessen, F., Paparo, M., Szeidl, B., Viraghalmy, G., Silvotti, R., Vauclair, G., Dolez, N., Pallier, E., Chevreton, M., Kurtz, D. W., Bromage, G. E., Cunha, M. S., Østensen, R., Fraga, L., Kanaan, A., Amorim, A., Giovannini, O., Kepler, S. O., da Costa,

- A. F. M., Anderson, R. F., Wood, M. A., Silvestri, N., Klumpe, E. W., Carlton, R. F., Miller, R. H., McFarland, J. P., Grauer, A. D., Kawaler, S. D., Riddle, R. L., Reed, M. D., Nather, R. E., Winget, D. E., Hill, J. A., Metcalfe, T. S., Mukadam, A. S., Kilic, M., Watson, T. K., Kleinman, S. J., Nitta, A., Guzik, J. A., Bradley, P. A., Sekiguchi, K., Sullivan, D. J., Sullivan, T., Shobbrook, R. R., Jiang, X., Birch, P. V., Ashoka, B. N., Seetha, S., Girish, V., Joshi, S., Dorokhova, T. N., Dorokhov, N. I., Akan, M. C., Meištas, E. G., Janulis, R., Kalytis, R., Ališauskas, D., Anguma, S. K., Kalebwe, P. C., Moskalik, P., Ogloza, W., Stachowski, G., Pajdosz, G., & Zola, S., 2003: Amplitude and frequency variability of the pulsating DB white dwarf stars KUV 05134+2605 and PG 1654+160 observed with the Whole Earth Telescope. *Mon. Not. R. Astron. Soc.*, **340**, 1031.
10. Mukadam, A. S., Kepler, S. O., Winget, D. E., Nather, R. E., Kilic, M., Mullally, F., von Hippel, T., Kleinman, S. J., Nitta, A., Guzik, J. A., Bradley, P. A., Matthews, J., Sekiguchi, K., Sullivan, D. J., Sullivan, T., Shobbrook, R. R., Birch, P., Jiang, X. J., Xu, D. W., Joshi, S., Ashoka, B. N., Ibbetson, P., Leibowitz, E., Ofek, E. O., Meištas, E. G., Janulis, R., Ališauskas, D., Kalytis, R., Handler, G., Kilkenny, D., O'Donoghue, D., Kurtz, D. W., Müller, M., Moskalik, P., Ogłóza, W., Zola, S., Krzesiński, J., Johannessen, F., Gonzalez-Perez, J. M., Solheim, J.-E., Silvotti, R., Bernabei, S., Vauclair, G., Dolez, N., Fu, J. N., Chevreton, M., Manteiga, M., Suárez, O., Ulla, A., Cunha, M. S., Metcalfe, T. S., Kanaan, A., Fraga, L., Costa, A. F. M., Giovannini, O., Fontaine, G., Bergeron, P., O'Brien, M. S., Sanwal, D., Wood, M. A., Ahrens, T. J., Silvestri, N., Klumpe, E. W., Kawaler, S. D., Riddle, R., Reed, M. D., & Watson, T. K., 2003: Constraining the Evolution of ZZ Ceti. *Astrophys. J.*, **594**, 961.
 11. Montgomery, M. H., Metcalfe, T. S., & Winget, D. E., 2003: The core/envelope symmetry in pulsating stars. *Mon. Not. R. Astron. Soc.*, **344**, 657.
 12. Kilkenny, D., Reed, M. D., O'Donoghue, D., Kawaler, S. D., Mukadam, A., Kleinman, S. J., Nitta, A., Metcalfe, T. S., Provencal, J. L., Watson, T. K., Sullivan, D. J., Sullivan, T., Shobbrook, R., Jiang, X. J., Joshi, S., Ashoka, B. N., Seetha, S., Leibowitz, E., Ibbetson, P., Mendelson, H., Meištas, E., Kalytis, R., Ališauskas, D., Martinez, P., van Wyk, F., Stobie, R. S., Marang, F., Zola, S., Krzesinski, J., Ogłóza, W., Moskalik, P., Silvotti, R., Piccioni, A., Vauclair, G., Dolez, N., Chevreton, M., Dreizler, S., Schuh, S. L., Deetjen, J. L., Solheim, J.-E., Gonzalez Perez, J. M., Ulla, A., Østensen, R., Manteiga, M., Suarez, O., Burleigh, M., Kepler, S. O., Kanaan, A., & Giovannini, O., 2003: A Whole Earth Telescope campaign on the pulsating subdwarf B binary system PG 1336-018 (NY Vir). *Mon. Not. R. Astron. Soc.*, **345**, 834.
 13. Winget, D. E., Sullivan, D. J., Metcalfe, T. S., Kawaler, S. D., & Montgomery, M. H., 2004: A Strong Test of Electroweak Theory Using Pulsating DB White Dwarf Stars as Plasmon Neutrino Detectors. *Astrophys. J.*, **602**, L109.
 14. Kanaan, A., Nitta, A., Winget, D. E., Kepler, S. O., Montgomery, M. H., Metcalfe, T. S., Oliveira, H., Fraga, L., da Costa, A. F. M., Costa, J. E. S., Castanheira, B. G., Giovannini, O., Nather, R. E., Mukadam, A., Kawaler, S. D., O'Brien, M. S., Reed,

- M. D., Kleinman, S. J., Provencal, J. L., Watson, T. K., Kilkenny, D., Sullivan, D. J., Sullivan, T., Shobbrook, B., Jiang, X. J., Ashoka, B. N., Seetha, S., Leibowitz, E., Ibbetson, P., Mendelson, H., Meišt̃as, E. G., Kalytis, R., Ališauskas, D., O'Donoghue, D., Buckley, D., Martinez, P., van Wyk, F., Stobie, R., Marang, F., van Zyl, L., Ogloza, W., Krzesinski, J., Zola, S., Moskalik, P., Breger, M., Stankov, A., Silvotti, R., Piccioni, A., Vauclair, G., Dolez, N., Chevreton, M., Deetjen, J., Dreizler, S., Schuh, S., Gonzalez Perez, J. M., Østensen, R., Ulla, A., Manteiga, M., Suarez, O., Burleigh, M. R., & Barstow, M. A., 2005: Whole Earth Telescope observations of BPM 37093: A seismological test of crystallization theory in white dwarfs. *Astron. Astrophys.*, **432**, 219.
15. Kurtz, D. W., Cameron, C., Cunha, M. S., Dolez, N., Vauclair, G., Pallier, E., Ulla, A., Kepler, S. O., da Costa, A., Kanaan, A., Fraga, L., Giovannini, O., Wood, M. A., Silvestri, N., Kawaler, S. D., Riddle, R. L., Reed, M. D., Watson, T. K., Metcalfe, T. S., Mukadam, A., Nather, R. E., Winget, D. E., Nitta, A., Kleinman, S. J., Guzik, J. A., Bradley, P. A., Matthews, J. M., Sekiguchi, K., Sullivan, D. J., Sullivan, T., Shobbrook, R., Jiang, X., Birch, P. V., Ashoka, B. N., Seetha, S., Girish, V., Joshi, S., Moskalik, P., Zola, S., O'Donoghue, D., Handler, G., Mueller, M., Gonzalez Perez, J. M., Solheim, J.-E., Johannessen, F., & Bigot, L., 2005: Pushing the ground-based limit: 14- μ mag photometric precision with the definitive Whole Earth Telescope asteroseismic data set for the rapidly oscillating Ap star HR1217. *Mon. Not. R. Astron. Soc.*, **358**, 651.
16. Wood, M. A., Robertson, J. R., Simpson, J. C., Kawaler, S. D., O'Brien, M. S., Nather, R. E., Winget, D. E., Montgomery, M. H., Metcalfe, T. S., Jiang, X. J., Leibowitz, E. M., Ibbetson, P., O'Donoghue, D., Zola, S., Krzesinski, J., Pajdosz, G., Vauclair, G., Dolez, N., Chevreton, M., Sullivan, D. J., Kanaan, A., & Nitta, A., 2005: DQ Herculis in Profile: Whole Earth Telescope Observations and Smoothed Particle Hydrodynamics Simulations of an Edge-on Cataclysmic Variable System. *Astrophys. J.*, **634**, 570.
17. Dolez, N., Vauclair, G., Kleinman, S. J., Chevreton, M., Fu, J. N., Solheim, J.-E., González Perez, J. M., Ulla, A., Fraga, L., Kanaan, A., Reed, M., Kawaler, S., O'Brien, M. S., Metcalfe, T. S., Nather, R. E., Sanwal, D., Klumpe, E. W., Mukadam, A., Wood, M. A., Ahrens, T. J., Silvestri, N., Sullivan, D., Sullivan, T., Jiang, X. J., Xu, D. W., Ashoka, B. N., Leibowitz, E., Ibbetson, P., Ofek, E., Kilkenny, D., Meišt̃as, E. G., Alisauskas, D., Janulis, R., Kalytis, R., Moskalik, P., Zola, S., Krzesinski, J., Ogloza, W., Handler, G., Silvotti, R., & Bernabei, S., 2006: Whole Earth telescope observations of the ZZ Ceti star HL Tau 76. *Astron. Astrophys.*, **446**, 237.
18. Harris, H. C., Munn, J. A., Kilic, M., Liebert, J., Williams, K. A., von Hippel, T., Levine, S. E., Monet, D. G., Eisenstein, D. J., Kleinman, S. J., Metcalfe, T. S., Nitta, A., Winget, D. E., Brinkmann, J., Fukugita, M., Knapp, G. R., Lupton, R. H., Smith, J. A., & Schneider, D. P., 2006: The White Dwarf Luminosity Function from Sloan Digital Sky Survey Imaging Data. *Astron. J.*, **131**, 571.
19. Kilic, M., Munn, J. A., Harris, H. C., Liebert, J., von Hippel, T., Williams, K. A., Metcalfe, T. S., Winget, D. E., & Levine, S. E., 2006: Cool White Dwarfs in the Sloan Digital Sky Survey. *Astron. J.*, **131**, 582.

20. Creevey, O. L., Monteiro, M. J. P. F. G., Metcalfe, T. S., Brown, T. M., Jiménez-Reyes, S. J., & Belmonte, J. A., 2007: The Complementary Roles of Interferometry and Asteroseismology in Determining the Mass of Solar-Type Stars. *Astrophys. J.*, **659**, 616.
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