

Dr. Eric E. Mamajek
Curriculum Vitae - 21 September 2017

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Positions

2016- Deputy Program Chief Scientist, [NASA Exoplanet Exploration Program, JPL/Caltech](#)
2016- Visiting Professor, [Physics & Astronomy, University of Rochester](#)
2016 Professor, [Physics & Astronomy, University of Rochester](#)
2013-2016 Associate Professor, [Physics & Astronomy, University of Rochester](#)
2011-2012 Associate Astronomer, [NOAO, Cerro Tololo Inter-American Observatory](#)
2008-2013 Assistant Professor, [Physics & Astronomy, University of Rochester](#) (on leave 2011-2012)
2004-2008 [Clay Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics](#)
2000-2004 Graduate Research Assistant, [University of Arizona, Astronomy](#)
1999-2000 Graduate Teaching Assistant, [University of Arizona, Astronomy](#)
1998-1999 [J. William Fulbright Fellow, Australia, ADEFA/UNSW School of Physics](#)

Languages

English (native), Spanish (advanced)

Education

2004 Ph.D. [The University of Arizona, Astronomy](#)
2001 M.S. [The University of Arizona, Astronomy](#)
2000 M.Sc. [The University of New South Wales, ADEFA, Physics](#)
1998 B.S. [The Pennsylvania State University, Astronomy & Astrophysics, Physics](#)
1993 H.S. [Bethel Park High School](#)

Research Interests

- Formation and Evolution of Exoplanetary Systems: Planets, Substellar Objects, Stars
- Stellar Ages, Kinematics, Rotation, Magnetic Activity, Groups

Fellowships

2004-2008 [Clay Postdoctoral Fellowship - Harvard-Smithsonian Center for Astrophysics](#)
2002-2004 [NASA Graduate Student Researchers Program Fellowship](#)
1998-1999 [J. William Fulbright Fellowship - Australia](#)

Professional Memberships

International Astronomical Union (IAU):

- Executive Committee Working Group on Public Naming of Planets and Planetary Satellites Chair (2016-), Division C WG Star Names
- Chair (2015), Inter-Division WG on Nominal Units for Stellar & Planetary Astronomy
- Div. A: Fundamental Astronomy
- Div. C: Education, Outreach and Heritage
- Div. F: Planetary Systems and Bioastronomy
- Div. G: Stars and Stellar Physics
- Div. C Comm. C4: World Heritage and Astronomy
- Div. F Comm. F2: Exoplanets and the Solar System
- Inter-Division G-H-J Comm. Stellar clusters throughout Cosmic Space and Time
- Div. F: WG on Exoplanets for the Public
- Div. H: Interstellar Matter and Local Universe
- Div. H Commission 37: Star Clusters and Associations

American Astronomical Society (AAS)

American Association for the Advancement of Science (AAAS)

American Association of Variable Star Observers (AAVSO)

Research Grants, Awards, Honors

- 2016 PI, University of Rochester, University Research Award
- 2015 co-I, NASA NExSS, "Chemical and Physical Characterization of Exoplanet Host Stars for Habitability and Detectability Assessments" (PI S. Desch) - subaward \$186k
- 2015 [AAS Nova: one of 2015's most-downloaded papers in AAS Journals \(Mamajek et al. 2015\)](#)
- 2014 PI, NSF-AST REU supp., "DECam Survey for Benchmark 15 Myr-old Substellar Objects in the Nearest OB Association" - \$6.5k
- 2013 PI, NSF-AST, "DECam Survey for Benchmark 15 Myr-old Substellar Objects in the Nearest OB Association" - \$288k
- 2013 PI, NSF-AST REU supp., "Chemical Self-Enrichment in the Nearest OB Association" - \$6.5k
- 2013 [AURA Team Award, DECam Installation, Commissioning, and Science Verification Team](#)
- 2012 Excellence in Undergraduate Teaching Award, Dept. Physics & Astro., Univ. Rochester
- 2011 PI, NSF-AST REU supp., "Chemical Self-Enrichment in the Nearest OB Association" - \$6.8k
- 2010 PI, NSF-AST, "Chemical Self-Enrichment in the Nearest OB Association" - \$481k
- 2010 co-I, NASA Herschel OT1, "Tracing Remnant Gas in Planet Forming Debris Disks: Confronting Theories of Ice-Giant Planet Formation" (PI V. Geers) - \$14k
- 2009 co-I, NASA ADP, "A Photometry Catalog of Stars within 130 pc Serendipitously Observed by *Spitzer*" (PI D. Hines) - \$186k
- 2007 PI, NASA *Spitzer* Cycle 4, "Search for Terrestrial Temperature Debris Around Needles in the Haystack: A Survey for Disks in a New Nearby 20 Myr Old Association" - \$65k
- 2005 co-I, NASA *Spitzer* Cycle 2, "Circumstellar Disk Evolution Across the Stellar Mass Spectrum in the Upper Sco Association" (PI J. Carpenter) - \$340k
- 2004 Clay Postdoctoral Fellowship, SAO - ~\$250k
- 2002 PI, Graduate Student Researchers Program, NASA (advisor M. Meyer) - \$48k
- 2000 PI, Grant-in-Aid Award, Sigma Xi Scientific Research Society - \$2k
- 1998 Fulbright Fellowship - \$25k

Teaching

2016 Spring	AST 142, Astrophysics II (for Sophomore majors), UR
2015 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2015 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR
2014 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2014 Spring	AST 142, Astrophysics II (for Sophomore majors), UR
2013 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2013 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR
2012 Fall	AST 453, Stellar Structure & Atmospheres (graduate), UR
2011 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR
2010 Fall	AST 565, Formation of Stars & Planetary Systems (graduate), UR
2010 Spring	AST 142, Astrophysics II (for Sophomore majors), UR
2009 Fall	AST 111, The Solar System and Its Origin (for Fr./So. majors), UR
2009 Spring	AST 241, Stellar Astrophysics (for Jr./Sr. majors), UR

Students and Postdocs Advised for Research (Active - italics)

2016	Tyler Heintz, REU student/Westminster
2015-2016	Alexis Klimasewski, UR Class of 2018 (stellar activity)
2015	Sara Denbo, REU student/Michigan State (DECam image analysis)
2014-	<i>Sam Mellon</i> , REU student/Westminster, PhD student (disk eclipses)
2013-2015	<i>Cameron Bell</i> , postdoc (stellar ages)
2013-2015	Manuel Olmedo, PhD student INOAE (Kepler/GALEX)
2013-2016	<i>Tanveer Karim</i> , UR Class of 2017, Goldwater Scholar (Galactic structure)
2013-2016	<i>Molly Finn</i> , UR Class of 2017, Goldwater Scholar (clustering analyses, binaries)
2013	Jonathan Strumpf, UR Class of 2015 (stellar modeling)
2013	Andrew Roberts, REU student/SUNY Geneseo (stellar kinematics)
2011-2016	Erin Scott, PhD student (circumstellar disk & eclipse modeling)
2013-2014	<i>Fan Wu</i> , UR Class of 2015 (stellar spectroscopy)
2012	Melissa Butner, REU student @ CTIO (stellar spectroscopy)
2011-2013	<i>Duy Nguyen</i> , postdoc (spectroscopy of young stars, abundances)
2010-2016	<i>Fred Moolekamp</i> , PhD student (eclipse modeling)
2010	<i>Matt Bourque</i> , REU student/Florida Tech (metallicity of Sco-Cen)
2010	<i>Dilyana Mihaylova</i> , UR Class of 2013 (spectral classification)
2009-2013	<i>Mark Pecaut</i> , PhD student (star formation history of Sco-Cen)
2009-2012	<i>Scott Barenfeld</i> , UR Class of 2012, Goldwater Scholar (chemokinematics)
2009-2011	<i>Eric Bubar</i> , postdoc (chemical abundances of nearby young stars)
2009-2010	<i>Julieta Gruszko</i> , UR Class of 2012 (REU; activity and ages of Sun-like stars)
2009-2010	<i>Alex Shvonski</i> , PhD student (<i>Spitzer</i> IR survey of debris disks in 32 Ori)
2008-2012	<i>Marek Slipski</i> , UR Class of 2011 (ages of exoplanet host stars)
2008	<i>Susana Acosta</i> , UR Class of 2012 (constraints on solar mass loss history)

Service & Committees (Institutional, active in italics, listed first)

2017	NN-Explore/NEID Facilities Detailed Design Review (Kitt Peak)
2017-	Ex-Officio member Origins Space Telescope Exoplanet WG
2017	Qualifying Exam Committee for grad student Sam Mellon (UR)
2016	PhD Defense Committee (advisor) for grad student Fred Moolekamp (UR)
2016	PhD Defense Committee (advisor) for grad student Erin Scott (UR)
2015-2016	UR Physics & Astronomy Executive Committee
2014-2016	Chair, UR Physics & Astronomy Graduate Admissions Committee (GAC)
2014-2016	UR Physics & Astronomy Steering Committee
2013-2016	UR Physics & Astronomy Strategic Planning Committee
2012-2016	UR Physics & Astronomy Undergraduate Astronomy Advisor
2011-2016	New York Astronomical Corporation (NYAC), Institutional Representative
2010-2016	UR Physics & Astronomy Undergraduate Physics Awards Committee (UAC)
2010-2016	UR Physics & Astronomy Undergraduate Curriculum Committee (UCC)
2015-2016	PhD Defense Committee for grad student Gabrielle Tepp (UR)
2015	Qualifying Exam Committee for grad student Erica Fogerty (UR)
2015	Chair, Qualifying Exam Committee for grad student Eva Bodman (UR)
2015	UR Ad Hoc Tenure Committee
2014	Qualifying Exam Committee (advisor) for grad student Fred Moolekamp (UR)
2014	Qualifying Exam Committee (advisor) for grad student Erin Scott (UR)
2014	Chair, Qualifying Exam Committee for grad student Michelle Gregor (UR)
2014	PhD Defense Committee for grad student Shule Li (UR)
2013	PhD Defense Committee (advisor) for grad student Mark Pecaut (UR)
2013	PhD Defense Committee for grad student Kyoung Hee Kim (UR)
2013	Qualifying Exam Committee for grad student Greg Howland (UR)
2013	Qualifying Exam Committee for grad student Erin Scott (UR)
2012	Chair, Qualifying Exam Committee for grad student Alex Moore (UR)
2012	Qualifying Exam Committee for grad student Shule Li (UR)
2012	Blanco f/8 Secondary Mirror Recovery Effort , Manager, CTIO
2012	SOAR 4.1-m Telescope Science Advisory Committee (SAC), CTIO
2011-2012	Blanco 4-m Telescope Scientist, CTIO
2011-2012	Hydra Multi-object Spectrograph, Deputy Support Scientist, CTIO
2011-2012	Website Committee, CTIO
2011-2013	"Cerro Tololo Inter-American Observatory (CTIO)" Facebook outreach page
2011	REU/PIA Summer Student Selection Committee, CTIO
2011	Astronomical Society of New York, Spring 2011 Meeting, UR, Local Organizing Committee, Co-chair (w/ D. Watson)
2011	UR Physics & Astronomy Colloquium Chair
2011	Qualifying Exam Committee for grad student Mark Pecaut
2010	UR Physics & Astronomy Colloquium Co-chair (w/ J. Eberly)
2010	Qualifying Exam Committee for grad student Kiwan Park
2010	Qualifying Exam Committee for grad student Justin Comporetta

2009-2011 UR Physics & Astronomy Undergraduate Astronomy Advisor
 2009-2011 UR Representative to New York Astronomical Corporation
 2009-2010 UR Astronomy Group Seminar Chair
 2009 PhD Defense Committee for grad student Joel Green
 2009 Qualifying Exam Committee for grad student Kyoung Hee Kim
 2008-2009 UR Astronomy Group Seminar Co-chair (w/ A. Quillen)

Service & Committees (External, active in italics, listed first)

2016 PhD Defense Committee for Elizabeth Newton (Harvard), external member
 2016 Qualifying Exam Committee for grad student Jesica Trucks (U. Toledo)
 2015- [IAU Exec. Comm. Working Group on Public Naming of Planets and Planetary Satellites](#)
 2011-2016 New York Astronomical Corporation, Board of Directors
 2001- *Journal Referee: Astrophysical Journal, Astronomical Journal, Astronomy & Astrophysics, Monthly Notices Royal Astronomical Society*
 2015 [IAU Working Group on Nominal Units for Stellar & Planetary Astronomy](#), Chair
 2015 Canary Islands Int'l Time Programme Time Allocation Comm., external reviewer
 2014 NSF Review Panel
 2013 PhD Defense Committee for Dave Principe (RIT), external member
 2013 PhD Defense Committee for Zach Berta (Harvard), external member
 2013 CTIO Fellowship Selection Committee, external member
 2012-2013 NOAO Time Allocation Committee
 2012 Canadian Time Allocation Committee, external reviewer
 2012 New Quests in Stellar Astrophysics III, session chair
 2012 [219th AAS meeting](#), Cool Dwarfs & Brown Dwarfs session, session chair
 2011 PhD Thesis Examiner for Simon Murphy (Australian Nat'l Univ.)
 2011 NASA Astrophysics Data Analysis Program (ADAP), reviewer
 2010 [215th AAS meeting](#) Chambliss Astronomy Student Award, judge
 2010 *Spitzer Space Telescope* Cycle-7, Time Allocation Committee, reviewer
 2008-2009 [258th IAU Symposium \(*The Ages of Stars*\)](#), proceedings lead editor
 2008 [Gemini Telescope](#) Time Allocation Committee, external reviewer
 2008 *Hubble Space Telescope* Cycle-17, Time Allocation Committee, reviewer
 2007-2011 [NASA Star and Exoplanet Database \(NStED\)](#), user panel
 2007 *Spitzer Space Telescope* Cycle-4, Time Allocation Committee, reviewer
 2006 "Ages of Stars" Splinter Session, [Cool Stars 14 meeting](#), convener
 2006-2007 NASA Origins of Solar Systems, external reviewer
 2005-2006 Star & Planet Formation Journal Club (CfA), organizer
 2003 Graduate Admissions Committee, Astronomy Dept., U. Arizona
 2002-2003 [MIRAC](#) (Mid-Infrared Array Camera) team, observer support at Las Campanas

Invited Colloquia and Research Talks (since 2010)

- 3/2017 UCLA ESS IPLEX seminar - Los Angeles - *A Transiting Extrasolar Ring System*
- 1/2017 Pasadena City College - Von Karman Lecture - *Exoplanets: The Quest for Strange New Worlds*
- 1/2017 JPL Von Karman Lecture - *Exoplanets: The Quest for Strange New Worlds*
- 10/2016 ExoSoCal - Caltech - Pasadena CA - *NASA Exoplanet Exploration Program*
- 4/2016 IAS - Princeton - *A Transiting Extrasolar Ring System*
- 1/2016 Cornell - Ithaca CA - *A Transiting Extrasolar Ring System*
- 12/2015 Universidad Diego Portales - Santiago, Chile - *A Transiting Extrasolar Ring System*
- 10/2015 NASA JPL - Pasadena CA - *A Transiting Extrasolar Ring System*
- 10/2015 NASA Ames/SOFIA - Mountain View CA - *A Transiting Extrasolar Ring System*
- 8/2015 IAU Division F - Honolulu - *A Transiting Extrasolar Ring System*
- 5/2015 IAU Symposium 314 - Atlanta - *Pre-Gaia Census of Nearby Young Stellar Groups*
- 4/2015 Carnegie Observatories - Pasadena - *A Transiting Extrasolar Ring System*
- 7/2014 INAOE - Puebla, Mex. - *Stellar Ages*
- 7/2014 INAOE - Puebla, Mex. - *The Giant Ring System Seen in Eclipse Around J1407b*
- 1/2014 Univ. of Texas-Austin, Astronomy Colloquium - Austin, TX
The Unusual Eclipser of the Young Star J1407: Moon-Forming Circumplanetary Disk?
- 9/2013 University of Rochester, Physics & Astro. Dept. Colloquium - Rochester, NY
Ages of Stars
- 3/2013 Penn State, Astro. Dept. Colloquium - State College, PA
Surprises in the Nearest OB Association
- 2/2013 UNC Chapel Hill, Physics & Astro. Dept. Colloquium, Chapel Hill, NC
Surprises in the Nearest OB Association
- 5/2012 Pontificia Universidad Católica de Chile, Astro. Dept. colloquium - Santiago, Chile (2)
Discovery of a Transiting Extrasolar Ring System
Update on the Blanco 4-m Telescope at CTIO
- 3/2012 New Quests in Stellar Astrophysics III - Puerto Vallarta, Mexico
Ages of the Host Stars of Circumstellar Disks and Exoplanets
- 3/2012 CTIO Oversight Committee talk - La Serena, Chile
Discovery of a Transiting Extrasolar Ring System
- 6/2011 CTIO/Gemini colloquium - La Serena, Chile
The Nearest Youngest Stars: Planet Formation Theatre
- 2/2011 Université de Montréal - Département de Physique - astrophysics colloquium - Montreal
What Can Nearby Young Stars Tell Us About Star and Planet Formation?
- 10/2010 In the Spirit of Lyot 2010 - Paris - *Ages of Host Stars with Substellar Companions*
- 8/2010 Cool Stars 16 - Juvenile Ultracool Dwarfs Splinter Session - Seattle, WA
The Nearby Young Stellar Groups: Demographics and Considerations for Assigning Memberships
- 1/2010 Pontificia Universidad Católica de Chile, Astro. Dept. colloquium - Santiago, Chile

Additional Talks (since 2010)

- 4/2016 Rochester Academy of Science (scheduled)
A Tour of Our Galactic Neighborhood
- 6/2015 University of Rochester, seminar for REU summer research students
Some Recent Astronomical Discoveries
- 5/2015 Astro. Sec. of the Rochester Acad. of Sci. - RIT
Some Recent Astronomical Discoveries
- 3/2015 Webster Thomas H.S., Earth Science Enrichment classes, Webster, NY
- 3/2015 Dr. Walter Cooper Academy, 1st grade class, Rochester City Schools
- 10/2014 American Chemical Society banquet, *Ages of Stars*
- 6/2014 University of Rochester, seminar for REU summer research students
Formation and Evolution of Stars and Planetary Systems
- 10/2013 Astronomical Society of New York, Union College
The Unusual Eclipser of the Young Star J1407
- 6/2013 University of Rochester, seminar for REU summer research students
- 4/2013 University of Rochester, seminar for grad students
- 11/2012 University of Rochester, astronomy club seminar, *Exoplanets*
- 6/2011 University of Rochester, seminar for REU summer research students
Formation and Evolution of Stars and Planets
- 4/2011 University of Rochester, invited seminar for 1st year grad students
- 3/2011 University of Rochester, Pi Day, invited talk - *Pi in Astronomy*
- 2/2011 University of Rochester, invited seminar for visiting prosp. grad. students
Formation and Evolution of Stars and Planetary Systems
- 8/2010 Astro. Sec. of the Rochester Acad. of Sci. - Ionia, NY
Young Stars Near Earth
- 8/2010 Cornell meeting of NY astronomers studying young stars - Ithaca, NY
2010 Census of Young Stellar Groups Within 100 pc
- 7/2010 Mees Observatory evening talk - Bristol, NY
Some Recent Astronomical Discoveries
- 7/2010 University of Rochester, seminar for REU summer research students
Formation and Evolution of Stars and Planets
- 6/2010 Odyssey High School Physics class - astronomy talk - Gates, NY
Stars, Planets, & Exoplanets
- 6/2010 Leiden Observatory lunch talk - Leiden, Netherlands
An Update on the MMT/AO Planet Imaging Survey of the Nearest A Stars
- 1/2010 Astrobio2010 - Santiago, Chile
What Can Nearby Young Stars Tell Us About Star and Planet Formation

Bibliography of Publications

7069	Total citations
5191	Citations to n^{th} -author publications
1878	Citations to 1st author papers
133	Refereed publications (20 1st-author, 113 nth-author)
49	Hirsch h-index (i.e. 49 publications with ≥ 49 citations)
99	i_{10} -index (i.e. 99 publications with ≥ 10 citations)
2.5	Hirsch m -index = $h/(t_{\text{now}} - t_{1\text{st pub.}}) = 49/(2017-1997)$

Last updated 21 September 2017. The listed citation counts are from [Astrophysics Data System \(ADS\)](#). The names of members of my research group (e.g. undergrads, PhD students, postdocs, visiting scientists, etc.) are underlined. Links to selected press coverage are also provided.

Book (Edited)

[The Ages of Stars, Proceedings of International Astronomical Union Symposium No. 258](#)
edited by **E. E. Mamajek**, D. R. Soderblom, & R. F. G. Wyse. Cambridge, UK: [Cambridge University Press](#), 2009 (490 pgs.; ISBN-13 978-0521889896) ([Amazon](#))

First-Author Refereed Publications

- A19. [Gamma Cassiopeiae and HR 266: A Massive Septuplet Illuminating the IC 59 and IC 63 Nebulae at \$d = 168\$ pc](#)
Mamajek, E. E., 2017, *Journal of Double Star Observations*, 13, 264-267
- A18. [The Closest Known Flyby of a Star to the Solar System](#)
Mamajek, E. E., Barenfeld, S. A., Ivanov, V. D., Kniazev, A. Y., Väisän, P., Beletsky, Y. & Boffin, H. M. J., 2015, *Astrophysical Journal Letters*, 800, L17 (5 citations)
[UR Press Release](#), [BBC](#), [Space.com](#), [Scientific American](#), [NBC](#), [CBC Radio](#), [Discovery News](#)
- A17. [On the Age of the \$\beta\$ Pictoris Moving Group](#)
Mamajek, E. E. & Bell, C. P. M. 2014, *MNRAS*, 445, 2169 (47 citations)
- A16. [The Solar Neighborhood. XXX. Fomalhaut C](#)
Mamajek, E. E., Bartlett, J. L., Seifahrt, A., Henry, T. J., Dieterich, S. B., Lurie, J. C., Kenworthy, M. A., Jao, W.-C., Reidel, A. R., Subasavage, J. P., Winters, J. G., Finch, C. T., Ianna, P. A., Bean, J., 2013, *AJ*, 146, 154 (32 citations)
[UR Press Release](#), [Sky & Telescope](#), [RedOrbit](#), [Nature World News](#)
- A15. [On the Age and Binarity of Fomalhaut](#)
Mamajek, E. E., 2012, *ApJ*, 754, L20 (51 citations)

- A14. *Planetary Construction Zones in Occultation: Eclipses by Circumsecondary and Circumplanetary Disks and a Candidate Eclipse of a Pre-main Sequence Star in Sco-Cen*
Mamajek, E. E., Quillen, A. C., Pecaut, M., Moolekamp, F., Scott, E., Kenworthy, M., Collier Cameron, A., & Parley, N., 2012, AJ, 143, 72 (34 citations)
- A13. *On the Nature of the Common Proper Motion Companions to the Exoplanet Host Star 51 Peg*
Mamajek, E. E., 2010, AN, 331, 704
- A12. *Discovery of a Faint Companion to Alcor Using MMT/AO 5 μ m Imaging*
Mamajek, E. E., Kenworthy, M. A., Hinz, P. M., & Meyer, M. R., 2010, AJ, 139, 919 (17 citations)
UR Press Release, USA Today, Sky & Telescope, The Register
- A11. *Improved Age Estimation for Solar-Type Dwarfs Using Activity-Rotation Diagnostics*
Mamajek, E. E. & Hillenbrand, L. A., 2008, ApJ, 687, 1264 (353 citations)
- A10. *On the Distance to the Ophiuchus Star-Forming Region*
Mamajek, E. E., 2008, AN, 329, 10 (65 citations)
- A9. *An Improbable Solution to the Underluminosity of 2M1207B: A Hot Protoplanet Collision Afterglow*
Mamajek, E. E. & Meyer, M. R., 2007, ApJ, 668, L175 (25 citations)
- A8. *A New Nearby Candidate Star Cluster in Ophiuchus at $d = 170$ pc*
Mamajek, E. E. 2006, AJ, 132, 2198 (5 citations)
- A7. *Erratum: "Post-T Tauri Stars in the Nearest OB Association" (AJ, 124, 1670 [2002])*
Mamajek, E. E., Meyer, M. R., & Liebert, J. L. 2006, AJ, 131, 2360 (12 citations)
- A6. *A Moving Cluster Distance to the Exoplanet 2M1207B in the TW Hya Association*
Mamajek, E. E. 2005, ApJ, 634, 1385 (143 citations)
- A5. *Constraining the Lifetime of Circumstellar Disks in the Terrestrial Planet Zone: A Mid-Infrared Survey of the 30 Myr-old Tucana-Horologium Association*
Mamajek, E. E., Meyer, M. R., Hinz, P. M., Hoffmann, W. H., Cohen, M., Hora, J. L. 2004, ApJ, 612, 496 (78 citations)
- A4. *Post-T Tauri Stars in the Nearest OB Association*
Mamajek, E. E., Meyer, M. R., & Liebert, J. L. 2002, AJ, 124, 1670 (170 citations)
- A3. *The η Chamaeleontis Cluster: Origin in the Sco-Cen OB Association*
Mamajek, E. E., Lawson, W. A., & Feigelson, E. D. 2000, ApJ, 544, 356 (106 citations)
- A2. *A Radio Survey of Older T Tauri Stars in the η Chamaeleontis Cluster*
Mamajek, E. E., Lawson, W. A., & Feigelson, E. D. 1999, Pub. Ast. Soc. Aus., 16, 257 (10 citations)

- A1. *The η Chamaeleontis Cluster: A Remarkable New Nearby Young Open Cluster*
Mamajek, E., Lawson, W. A., & Feigelson, E. D. 1999, ApJ, 516, L77 (144 citations)

Other Refereed Publications

- B113. *Angular Momentum Evolution of Young Stars in the nearby Scorpius-Centaurus OB Association*
Mellon, S. N., Mamajek, E. E., Oberst, T. E., & Pecaut, M. J., 2017, ApJ, 844, 66 (arXiv:1706.06105)
- B112. *Identification of Young Stellar Variables with KELT for K2 II: The Upper Scorpius Association*
Ansdell, M., Oelkers, R. J., Rodriguez, J. E., Gaidos, E., Somers, G., Mamajek, E., Cargile, P. A., Stassun, K. G., Pepper, J., Stevens, D. J., Beatty, T. G., Siverd, R. J., Lund, M. B., Kuhn, R. B., James, D., & Gaudi, B. S., 2017, MNRAS, in press (arXiv:1707.07313)
- B111. *bRing: An observatory dedicated to monitoring the β Pictoris b Hill sphere transit*
Stuik, R., Bailey, III, J. I., Dorval, P., Talens, G. J. J., Laginja, I., Mellon, S. N., Lomberg, B. B. D., Crawford, S. M., Ireland, M. J., Mamajek, E. E., & Kenworthy, M. A., 2017, A&A, in press (arXiv:1709.01325)
- B110. *A Catalog of Stellar Unified Properties (CATSUP) for 951 FGK-Stars Within 30 pc*
Hinkel, N. R., Mamajek, E. E., Turnbull, M. C., Osby, E., Shkolnik, E. L., Smith, G. H., Klimawewski, A., Somers, G., & Desch, S. J., 2017, ApJ, in press (arXiv:1709.04465)
- B109. *Dippers and dusty disc edges: new diagnostics and comparison to model predictions*
Bodman, E. H. L., Quillen, A. C., Ansdell, M., Hippke, M., Boyajian, T. S., Mamajek, E. E., Blackman, E. G., Rizzuto, A., & Kastner, J. H., 2017, MNRAS, 470, 202 (arXiv:1605.03985) (7 citations)
- B108. *On the Age of the TRAPPIST-1 System*
Burgasser, A. J., & Mamajek, E. E., ApJ, 845, 110 (1 citation)
Sky & Telescope, space.com, Daily Mail
- B107. *A Survey for Planetary-mass Brown Dwarfs in the Chamaeleon I Star-forming Region*
Espino, T. L., Luhman, K. L., Faherty, J. K., Mamajek, E. E., & Bochanski, J. J., 2017, AJ, 154, 46 (arXiv:1706.00058) (1 citation)
- B106. *Periodic Eclipses of the Young Star PDS 110 Discovered with WASP and KELT Photometry*
Osborn, H. P., Rodriguez, J. E., Kenworthy, M. A., Kennedy, G. M., Mamajek, E. E., Robinson, C. E., Espaillat, C. C., Armstrong, D. J., Shappee, B. J., Bieryla, A., Latham, D. W., Anderson, D. R., Beatty, T. G., Berlind, P., Calkins, M. L., Esquerdo, G. A., Gaudi, B. S., Hellier, C., Holoiien, T. W.-S., James, D., Kochanek, C. S., Kuhn, R. B., Lund, M. B., Pepper, J., Pollacco, D. L., Prieto, J. L., Siverd, R. J., Stassun, K. G., Stevens, D. J., Stanek, K. Z., & West, R. G., 2017, MNRAS, 470, 740 (arXiv:1705.10346)

- B105. *The Greater Taurus-Auriga Ecosystem. I. There is a Distributed Older Population*
Kraus, A. L., Herczeg, G. J., Rizzuto, A. C., Mann, A. W., Slesnick, C. L., Carpenter, J. M., Hillenbrand, L. A., & **Mamajek, E. E.**, ApJ, 838, 150 ([arXiv:1702.04341](#)) (1 citation)
- B104. *WISE J080822.18-644357.3 - a 45 Myr-old Accreting M Dwarf Hosting a Pre-Transitional Disc*
Murphy, S. J., **Mamajek, E. E.**, Bell, C. P. M., 2017, submitted to MNRAS ([arXiv:1703.04544](#)) (2 citations)
- B103. *Revised Geometric Estimates of the North Galactic Pole and the Sun's Height Above the Galactic Mid-Plane*
Karim, M. T., **Mamajek, E. E.**, 2017, MNRAS, 465, 472 ([arXiv:1610.08125](#)) (2 citations)
- B102. *BANYAN. IX. The Initial Mass Function and Planetary-mass Object Space Density of the TW Hya Association*
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Notes on MK Spectral Standard Stars (Dwarfs, Subgiants, Giants)

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Compendium of information on spectral standard stars and mean properties of dwarf stars of a given spectral type. I also try to assess which standard stars appear to best be the best representatives of the MK system (or modern offshoots), and which stars should be deprecated as such due to conflicting classifications.

Basic Astronomical Data for the Sun (BADS)

<https://sites.google.com/site/mamajeksstarnotes/basic-astronomical-data-for-the-sun>

An extensive tabulation of “best” stellar parameters to adopt for the Sun, based on extensive (and regularly updated) literature review.