

Dr. Eric E. Mamajek
Curriculum Vitae - 2 April 2022

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Positions

2020- Discipline Program Manager - Exoplanets, Astro. & Physics Directorate, [JPL/Caltech](#)
2016- Deputy Program Chief Scientist, [NASA Exoplanet Exploration Program, JPL/Caltech](#)
2017- Professor of [Physics & Astronomy](#) (Research), University of Rochester
2016-2017 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, [ADFA/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, ADFA, 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](#)

Research Grants, Awards, Honors

- 2022 Beatrice M. Tinsley Visiting Scholar - The University of Texas at Austin
- 2021 JPL Explorer Award - contributions to Extreme Precision Radial Velocity Working Group
- 2020 NASA Team Award - Galaxy of Horrors Poster Team
- 2020 NASA Group Achievement Award - Exoplanet Standard Definition and Evaluation Team
- 2019 Robert H. Goddard Honor Award - Origins Space Telescope Mission Study Team
- 2019 NASA Group Achievement Award - Astrophysics Large Mission Study Team
- 2018 PI, K2 Guest Observer Cycle 6, "Investigating the Early Evolution of Exoplanet Properties" - \$100k (science PI: T. David)
- 2018 [AAS Nova: Mamajek \(2017\) highlighted as most-cited Research Note of the AAS in its 1st year](#)
- 2017 PI, JPL RT&D, "The Occurrence Rates of Close-In Exoplanets as a Function of Stellar Age" (science PI: T. David)
- 2016 PI, University of Rochester, University Research Award - \$40k
- 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: Mamajek et al. \(2015\) highlighted as one of 2015's most-downloaded papers in AAS Journals](#)
- 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

Professional Memberships (and current leadership roles)

International Astronomical Union (IAU):

Steering Committee IAU100 NameExoWorlds (Co-Chair 2019-2020)

Commission F2 Exoplanets and the Solar System (Organizing Committee 2018-)

Division C WG Star Names (Chair 2016-2021, Secretary 2021-)

Executive Committee WG Exoplanetary System Nomenclature (Organizer, Member 2021-)

Member of following IAU divisions and commissions:

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

Div. F: WG on Exoplanets for the Public

Div. H: Interstellar Matter and Local Universe

Div. H Commission 37: Star Clusters and Associations

Inter-Division G-H-J Comm. Stellar clusters throughout Cosmic Space and Time

American Astronomical Society (AAS)

American Association for the Advancement of Science (AAAS)

American Association of Variable Star Observers (AAVSO)

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)

2021	<i>Emma Nabbie, JPL Summer Student, U. Florida (TESS star characterization)</i>
2020	<i>Katherine Laliotis, JPL Summer Student, Whitman College (radial velocities)</i>
2019-2022	<i>Jennifer Burt, ExEP Postdoctoral Research Associate (exoplanets, TESS, PRV)</i>
2017-2019	<i>Trevor David, ESI Postdoctoral Fellow (K2 young exoplanets)</i>
2016	<i>Tyler Heintz, REU student/Westminster (stellar rotation, ages)</i>
2015-2016	<i>Alexis Klimasewski, UR Class of 2018 (stellar activity)</i>
2015	<i>Sara Denbo, REU student/Michigan State (DECam image analysis)</i>
2014-2019	<i>Sam Mellon, REU student/Westminster, PhD student (disk eclipses)</i>
2013-2015	<i>Cameron Bell, postdoc (stellar ages)</i>
2013-2015	<i>Manuel Olmedo, PhD student INOAE (Kepler/GALEX UV stellar emission)</i>
2013-2016	<i>Tanveer Karim, UR Class of 2017, Goldwater Scholar (Galactic structure)</i>
2013-2016	<i>Molly Finn, UR Class of 2017, Goldwater Scholar (clustering analyses, binaries)</i>
2013	<i>Jonathan Strumpf, UR Class of 2015 (stellar modeling)</i>
2013	<i>Andrew Roberts, REU student/SUNY Geneseo (stellar kinematics)</i>
2011-2016	<i>Erin Scott, PhD student (circumstellar disk & eclipse modeling)</i>
2013-2014	<i>Fan Wu, UR Class of 2015 (stellar spectroscopy)</i>
2012	<i>Melissa Butner, REU student @ CTIO (stellar spectroscopy)</i>
2011-2013	<i>Duy Nguyen, postdoc (spectroscopy of young stars, abundances)</i>
2010-2016	<i>Fred Moolekamp, PhD student (eclipse modeling)</i>
2010	<i>Matt Bourque, REU student/Florida Tech (metallicity of Sco-Cen)</i>
2010	<i>Dilyana Mihaylova, UR Class of 2013 (spectral classification)</i>
2009-2013	<i>Mark Pecaut, PhD student (star formation history of Sco-Cen)</i>
2009-2012	<i>Scott Barenfeld, UR Class of 2012, Goldwater Scholar (chemokinematics)</i>
2009-2011	<i>Eric Bubar, postdoc (chemical abundances of nearby young stars)</i>
2009-2010	<i>Julieta Gruszko, UR Class of 2012 (REU; activity and ages of Sun-like stars)</i>
2009-2010	<i>Alex Shvonski, PhD student (Spitzer IR survey of debris disks in 32 Ori)</i>
2008-2012	<i>Marek Slipski, UR Class of 2011 (ages of exoplanet host stars)</i>
2008	<i>Susana Acosta, UR Class of 2012 (constraints on solar mass loss history)</i>

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

2019-2020	NASA/NSF Extreme Precision Radial Velocity Working Group, ex officio
2019	PhD Defense Committee (advisor) for grad student Sam Mellon (UR)
2018-2022	JPL Palomar Advisory Committee (JPAC)
2017	Exo-S Probe-Class Starshade Mission (Dedicated Mission) Delta/Update Study, Lead
2017-2019	Origins Space Telescope, STDT & Exoplanet WG, ex-officio
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	<i>Cerro Tololo Inter-American Observatory (CTIO)</i> 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 Comparella

- 2009-2011 UR Physics & Astronomy Undergraduate Astronomy Advisor
- 2009-2011 UR Representative to New York Astronomical Corporation (NYAC)
- 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)

- 2019- [NASA Exoplanet Archive User Panel, ex officio](#)
- 2019-2020 [IAU100 NameExoWorlds, Steering Committee, co-chair](#)
- 2019- [IAU Commission F2 Exoplanets and the Solar System, Organizing Committee](#)
- 2016- [IAU Division C WG Star Names, Chair](#)
- 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, Seminars, Conference Talks (since 2013)

- 3/2022 Tinsley Visiting Scholars Program - U. Texas at Austin - Austin, TX -
Pathways to 'a Robust Sample of 25 Atmospheric Spectra of Potentially Habitable Exoplanets'
- 2/2022 UC Riverside Astrobiology Seminar Series - Riverside, CA -
Pathways to 'a Robust Sample of 25 Atmospheric Spectra of Potentially Habitable Exoplanets'
- 3/2021 University of Rochester - Center for Matter at Atomic Pressures (CMAP) Seminar Series (virtual) -
The NASA Exoplanet Exploration Program
- 10/2020 University of Alabama - Dept. of Physics & Astronomy Colloquium (virtual) -
Update on NASA's Exoplanet Exploration Program (ExEP) and Science
- 3/2019 Kepler & K2 SciCon V - Glendale, CA -
Small (In)temperate Planets: A Closer Look at Habitable Zone Terrestrial-sized Planet Candidates
- 3/2019 Extreme Precision in Radial Velocity IV - Grindelwald, Switzerland -
NASA Exoplanet Exploration Program and Precision Radial Velocity
- 12/2018 UC San Diego Center for Astrophysics and Space Sciences - San Diego, CA -
Update on NASA Exoplanet Exploration Program (ExEP) and Science
- 7/2018 [Sagan Workshop - Pasadena, CA - Ages and Stellar Properties](#)
- 1/2018 K2 & TESS Splinter Meeting at 231st AAS - Nat'l Harbor, MD -
The Kepler/K2 Revolution and Prospects for TESS
- 1/2018 ExoPAG 17 - Nat'l Harbor, MD - *ExEP Science Plan*
- 6/2017 Kepler & K2 Science Conference IV - NASA Ames -
Kepler/K2 in the Context of Future Exoplanet Missions
- 8/2017 Extreme Precision Radial Velocity III - State College, PA -
Precision Radial Velocities and the NASA Exoplanet Exploration Program
- 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

Additional Talks (since 2010)

- 8/2017 [Astronomy on Tap - State College, PA](#)
[Exoplanets and the NASA Exoplanet Exploration Program](#)
- 6/2017 San Jose Astronomy - San Jose, CA (Houge Park; w/J. Dotson)
Strange New Worlds: Exploring Exoplanets with NASA's Kepler/K2 Mission and Beyond
- 4/2017 AbSciCon 2017 - Tempe, AZ - *NASA Exoplanet Exploration Program Update*
- 4/2016 Rochester Academy of Science - Rochester, NY - *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

13383	Total citations
10359	Citations to n^{th} -author publications
3024	Citations to 1st author papers
195	Refereed publications (20 1st-author, 175 n^{th} -author)
61	Hirsch h-index (i.e. 61 publications with ≥ 61 citations)
166	i_{10} -index (i.e. 166 publications with ≥ 10 citations)
2.44	Hirsch m -index = $h/(t_{\text{now}} - t_{1\text{st pub.}}) = 61/(2022-1997)$

Last updated 2 April 2022. The listed citation counts are from [Astrophysics Data System \(ADS\)](#). The names of advisees (e.g. undergrads, PhD students, postdocs, 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

- A20. *Public Naming of Exoplanets and Their Stars: Implementation and Outcomes of the IAU100 NameExoWorlds Global Project*
Mamajek, E., Meloy Elmegreen, D., Lecavelier des Etangs, A., Lindberg Christensen, L., Monfardini Penteadó, E., Yamaoka, H., Williams, G., Anglada-Escudé, G., 2020, *Communicating Astronomy with the Public Journal*, 28, 22
- 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 (3 citations)
- 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 (44 citations)
[UR Press Release](#), [BBC](#), [Space.com](#), [Scientific American](#), [NBC](#), [CBC Radio](#), [Discovery News](#)
- A17. *On the Age of the β Pictoris Moving Group*
Mamajek, E. E. & Bell, C. P. M. 2014, *MNRAS*, 445, 2169 (203 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 (75 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 (118 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 (91 citations)
New York Times (mention of discovery upon 5000th exoplanet, April 2022)
- A13. *On the Nature of the Common Proper Motion Companions to the Exoplanet Host Star 51 Peg*
Mamajek, E. E., 2010, AN, 331, 704 (1 citation)
- 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 (29 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 (843 citations)
- A10. *On the Distance to the Ophiuchus Star-Forming Region*
Mamajek, E. E., 2008, AN, 329, 10 (115 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 (30 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 (19 citations)
- A6. *A Moving Cluster Distance to the Exoplanet 2M1207B in the TW Hya Association*
Mamajek, E. E. 2005, ApJ, 634, 1385 (189 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 (95 citations)
- A4. *Post-T Tauri Stars in the Nearest OB Association*
Mamajek, E. E., Meyer, M. R., & Liebert, J. L. 2002, AJ, 124, 1670 (247 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 (120 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 (14 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 (172 citations)

Other Refereed Publications

- B175. *TESS Hunt for Young and Maturing Exoplanets (THYME). VI. An 11 Myr Giant Planet Transiting a Very-low-mass Star in Lower Centaurus Crux*
Bohn, A. J., Ginski, C., Kenworthy, M. A., **Mamajek, E. E.**, Meshkat, T., Pecaut, M. J., Reggiani, M., Seay, C. R., Brown, A. G. A., Cugno, G., Henning, T., Launhardt, R., Quirrenbach, A., Rickman, E. L., Ségransan, D., 2022, AJ, 163, 156 ([arXiv:2110.09531](https://arxiv.org/abs/2110.09531)) (6 citations)
- B174. *K2 discovery of a circumsecondary disk transiting EPIC 220208795*
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First-Author Non-Refereed Publications

- C29. *WISE J064336.71-022315.4: A Thick-disk L8 Brown Dwarf Discovered by Gaia DR2 at 13.9 pc*
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- C27. *ANTARES Neutrino Detection: Kinematic Evidence that the Swift/XRT X-ray Counterpart is a Likely Upper Sco Member*
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- C26. *A Pre-Gaia Census of Nearby Stellar Groups*
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- C25. *Proposed Nomenclature for Surface Features on Pluto and Its Satellites and Names for Newly Discovered Satellites*
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