

*Dr. Eric E. Mamajek*  
Curriculum Vitae - 18 April 2024

Jet Propulsion Laboratory  
4800 Oak Grove Drive  
MS 321-162  
Pasadena, CA 91109-8099

Phone: (818) 354-2153  
FAX: (818) 393-4950  
mamajek@jpl.nasa.gov

<https://science.jpl.nasa.gov/people/Mamajek/>

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### Positions

2022- JPL Principal Scientist, Astrophysics and Space Sciences  
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, Disks
- 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

- 2024 co-I, JWST Cycle 3 Award, "When Worlds Collide: Formation and Evolution of a Synestia" (PI: Matthew Kenworthy)
- 2023 co-I, JWST Cycle 2 Award, "When Worlds Collide: Formation and Evolution of a Synestia" (PI: Richelle van Capelleveen)
- 2023 JPL Team Award - for 712x management supporting the JPL astro & helio R&A community
- 2023 NASA Team Award - for delivering Habitable Worlds Observatory target list to community
- 2022 [JPL Principal Scientist](#), Astrophysics and Space Sciences
- 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):

NameExoWorlds 2022 Campaign (Co-Chair 2022-2023)

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 (or co-Advised) for Research (Active - italics)**

2023-2024	<i>Ciarra Coston</i> , JPL Summer Student, Emory U. (TESS variability/HWO stars)
2022-	<i>Emily Gilbert</i> , ExEP Postdoctoral Research Associate (exoplanets, TESS, PRV)
2022-	<i>Catherine Clark</i> , ExEP Postdoctoral Research Associate (exoplanets, TESS, speckle)
2021	<i>Emma Nabbie</i> , JPL Summer Student, U. Florida (TESS star characterization)
2020	<i>Katherine Laliotis</i> , JPL Summer Student, Whitman College (radial velocities)
2019-2022	<i>Jennifer Burt</i> , ExEP Postdoctoral Research Associate (exoplanets, TESS, PRV)
2017-2019	<i>Trevor David</i> , ESI Postdoctoral Fellow (K2 young exoplanets)
2016	<i>Tyler Heintz</i> , REU student/Westminster (stellar rotation, ages)
2015-2016	<i>Alexis Klimasewski</i> , UR Class of 2018 (stellar activity)
2015	<i>Sara Denbo</i> , REU student/Michigan State (DECam image analysis)
2014-2019	<i>Sam Mellon</i> , REU student/Westminster, PhD student (disk eclipses)
2013-2015	<i>Cameron Bell</i> , postdoc (stellar ages)
2013-2015	<i>Manuel Olmedo</i> , PhD student INOAE (Kepler/GALEX UV stellar emission)
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	<i>Jonathan Strumpf</i> , UR Class of 2015 (stellar modeling)
2013	<i>Andrew Roberts</i> , REU student/SUNY Geneseo (stellar kinematics)
2011-2016	<i>Erin Scott</i> , PhD student (circumstellar disk & eclipse modeling)
2013-2014	<i>Fan Wu</i> , UR Class of 2015 (stellar spectroscopy)
2012	<i>Melissa Butner</i> , 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)**

- 2024 JPL/IPAC Palomar Advisory Committee (JPAC), chair
- 2024- [Target Stars & Systems Working Group](#), [Habitable Worlds Observatory START](#), co-chair
- 2024- [Living Worlds WG](#), [Steering Comm.](#), [Habitable Worlds Observatory START](#), co-chair
- 2023- [Habitable Worlds Observatory START Team](#), member (ex-officio)
- 2023 [Exoplanet Yield Modeling Tools Workshop](#), SOC
- 2022- NExSS Assessment, ex officio (for NASA Astrophysics Div.)
- 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/IPAC 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

## Service & Committees (Institutional)

2013-2016	UR Physics & Astronomy Strategic Planning Committee
2012-2016	UR Physics & Astronomy Undergraduate Astronomy Advisor
2011-2016	New York Astronomical Corp. (NYAC), Institutional Representative
2010-2016	UR Physics & Astronomy Undergraduate Physics Awards Comm. (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 Comm. (advisor) for grad student Fred Moolekamp (UR)
2014	Qualifying Exam Comm. (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	<a href="#">Blanco f/8 Secondary Mirror Recovery Effort</a> , Manager, CTIO
2012	<a href="#">SOAR 4.1-m Telescope</a> Science Advisory Committee (SAC), CTIO
2011-2012	<a href="#">Blanco 4-m Telescope</a> 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

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

- 2023- PhD Defence Committee for grad student [H.-S. Hubbard-James](#) (GSU), external member
- 2022- [IAU NameExoWorlds 2022, Steering Committee, co-chair](#)
- 2022- [IAU Division C WG Star Names, Secretary](#)
- 2022 2022 Sagan Exoplanet Summer Hybrid Workshop: Exoplanet Science in the Gaia Era, SOC
- 2020 TESS Cycle 3 GO Panel, Chair
- 2020 [Exoplanet Demographics, SOC](#)
- 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](#)
- 2016-2022 [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 Talks; Colloquia, Seminars, Conferences, Workshops (since 2016)**

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- 5/2024 ExoPAG 30 at AbSciCon - Providence, RI  
*ExEP Science Plan and Update*
- 5/2024 START/TAG Exoplanet Yields Working Group (virtual)  
*Target Stars for Habitable Worlds Observatory*
- 11/2024 The Artificial Sky - Jena, Germany (virtual)  
*A Brief History of the IAU Working Group on Star Names (WGSN)*
- 10/2023 Sociedad Mexicana de Astrobiología (virtual) -  
*The Search for Exo-Earths with the Habitable Worlds Observatory*
- 10/2023 XLVI Reunião Anual da Sociedade Astronômica Brasileira - Rio de Janeiro -  
*The Search for Exo-Earths with the Habitable Worlds Observatory*
- 1/2023 ExoPAG 27 at AAS241 - Seattle, WA  
*ExEP Science Update*
- 6/2022 ExoPAG 26 at AAS240 - Pasadena, CA  
*ExEP Science Plan and Update*
- 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 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*



### Invited Talks; Colloquia, Seminars, Conferences, Workshops (2008-2015)

- 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
- 9/2009 Stony Brook University Astronomy seminar - Stony Brook, NY
- 3/2009 Penn State University Astronomy colloquium - State College, PA  
*What Can Nearby Young Stars Tell Us About Star and Planet Formation?*
- 3/2009 2nd Subaru International Conference, Exoplanets and Disks:  
Their Formation and Diversity - invited review - Keauhou, HI  
*Structure and Evolution of Circumstellar Disks Around Young Stars*
- 10/2008 IAU Symposium 258 invited talk - Baltimore, MD  
*The Evolution of Activity Among Solar-Type Stars*
- 3/2008 Northern Arizona University Phys. & Astro. Dept. colloquium - Flagstaff, AZ
- 2/2008 Georgia State University Phys. & Astro. Dept. colloquium - Atlanta, GA
- 2/2008 Wesleyan University Astronomy Dept. colloquium - Middletown, CT
- 2/2008 Gemini South colloquium - La Serena, Chile
- 1/2008 Space Telescope Science Institute colloquium - Baltimore, MD

### Additional Talks (since 2010)

- 11/2023 Thacher School - Ojai, CA -  
*The Search for Exo-Earths with the Habitable Worlds Observatory*
- 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

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16459	<a href="#">Total citations</a>
13004	Citations to $n^{\text{th}}$ -author publications
3455	<a href="#">Citations to 1st author papers</a>
210	Refereed publications (21 1st-author, 189 $n^{\text{th}}$ -author)
68	<a href="#">Hirsch <math>h</math>-index</a> (i.e. 68 publications with $\geq 68$ citations)
179	$i_{10}$ -index (i.e. 179 publications with $\geq 10$ citations)
2.5	Hirsch $m$ -index = $h/(t_{\text{now}} - t_{1\text{st pub.}}) = 68/(2024-1997)$

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Last updated 23 April 2024. The listed citation counts are from [Astrophysics Data System \(ADS\)](#). The names of advisees (e.g. undergrads, PhD students, postdocs, etc.) are underlined.

### 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 (1 citation)
- 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 (4 (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 (55 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 (225 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 (81 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 (130 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 (105 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 $\mu$ m Imaging*  
**Mamajek, E. E.**, Kenworthy, M. A., Hinz, P. M., & Meyer, M. R., 2010, AJ, 139, 919 (32 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 (1006 citations)
- A10. *On the Distance to the Ophiuchus Star-Forming Region*  
**Mamajek, E. E.**, 2008, AN, 329, 10 (119 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 (33 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 (191 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 (262 citations)
- A3. *The  $\eta$  Chamaeleontis Cluster: Origin in the Sco-Cen OB Association*  
**Mamajek, E. E.**, Lawson, W. A., & Feigelson, E. D. 2000, ApJ, 544, 356 (124 citations)

- A2. *A Radio Survey of Older T Tauri Stars in the  $\eta$  Chamaeleontis Cluster*  
**Mamajek, E. E.**, Lawson, W. A., & Feigelson, E. D. 1999, *Pub. Ast. Soc. Aus.*, 16, 257 (14 citations)
- A1. *The  $\eta$  Chamaeleontis Cluster: A Remarkable New Nearby Young Open Cluster*  
**Mamajek, E.**, Lawson, W. A., & Feigelson, E. D. 1999, *ApJ*, 516, L77 (179 citations)

### Other Refereed Publications

- B190. *The Initial Mass Function Based on the Full-sky 20 pc Census of  $\sim$ 3600 Stars and Brown Dwarfs*  
Kirkpatrick, J. D., including 83 co-authors (including **Mamajek, E.**) and Backyard Worlds: Planet 9 Collaboration, 2024, *ApJS*, 271, 55, ([arXiv:2312.03639](https://arxiv.org/abs/2312.03639)) (4 citations)
- B189. *HPIC: The Habitable Worlds Observatory Preliminary Input Catalog*  
Tuchow, N. W., Stark, C. C., & **Mamajek, E.**, 2024, *AJ*, 167, 139
- B188. *Author Correction: A Planetary Collision Afterglow and Transit of the Resultant Debris Cloud*  
Kenworthy, M., Lock, S., Kennedy, G., van Capelleveen, R., **Mamajek, E.**, Carone, L., Hamsch, F.-J., Masiero, J., Mainzer, A., Kirkpatrick, J. D., Gomez, E., Leinhardt, Z., Dou, J., Tanna, P., Sainio, A., Barker, H., Charbonnel, S., Garde, O., Le Dû, P., Mulato, L., Petit, T., Rizzo Smith, M., 2024, *Nature*, Volume 625, 7993, E1
- B187. *A Planetary Collision Afterglow and Transit of the Resultant Debris Cloud*  
Kenworthy, M., Lock, S., Kennedy, G., van Capelleveen, R., **Mamajek, E.**, Carone, L., Hamsch, F.-J., Masiero, J., Mainzer, A., Kirkpatrick, J. D., Gomez, E., Leinhardt, Z., Dou, J., Tanna, P., Sainio, A., Barker, H., Charbonnel, S., Garde, O., Le Dû, P., Mulato, L., Petit, T., Rizzo Smith, M., 2023, *Nature*, 622, 7982, 251-254 ([arXiv:2310.08360](https://arxiv.org/abs/2310.08360)) (1 citation)
- B186. *Using Photometrically Derived Properties of Young Stars to Refine TESS's Transiting Young Planet Survey Completeness*  
Fernandes, R. B., Hardegree-Ullman, K. K., Pascucci, I., Bergsten, G. J., Mulders, G. D., Cunha, K., **Mamajek, E. E.**, Pearson, K. A., Feiden, G. A., Curtis, J. L., 2023, *AJ*, 166, 175 ([arXiv:2308.13039](https://arxiv.org/abs/2308.13039)) (3 citations)
- B185. *Multiples Among B Stars in the Scorpius-Centaurus Association*  
Gratton, R., Squicciarini, V., Nascimbeni, V., Janson, M., Reffert, S., Meyer, M., Delorme, P., **Mamajek, E. E.**, Bonavita, M., Desidera, S., Mesa, D., Rigliaco, E., D'Orazi, V., Vigan, A., Lazzoni, C., Chauvin, G., Langlois, M., 2023, *A&A*, 678, 93 ([arXiv:2308.09962](https://arxiv.org/abs/2308.09962)) (3 citations)
- B184. *An Imaged 15 MJup Companion Within a Hierarchical Quadruple System*  
Chomez, A., Squicciarini, V., Lagrange, A.-M., Delorme, P., Viswanath, G., Janson, M., Flasseur, O., Chauvin, G., Langlois, M., Rubini, P., Bergeon, S., Albert, D., Bonnefoy, M., Desidera, S., Engler, N., Gratton, R., Henning, T., **Mamajek, E. E.**, Marleau, G.-D., Meyer, M.R., Reffert, S., Ringqvist, S. C., Samland, M., 2023, *A&A*, 676, L10 ([arXiv:2307.01195](https://arxiv.org/abs/2307.01195)) (3 citations)

- B183. *BEAST Detection of a Brown Dwarf and a Low-mass Stellar Companion Around the Young Bright B star HIP 81208*  
Viswanath, G., Janson, M., Gratton, R., Squicciarini, V., Rodet, L., Ringqvist, S. C., **Mamajek, E. E.**, Reffert, S., Chauvin, G., Delorme, P., Vigan, A., Bonnefoy, M., Engler, N., Desidera, S., Henning, Th., Hagelberg, J., Langlois, M., Meyer, M., 2023, A&A 675, 54 ([arXiv:2305.19122](#)) (5 citations)
- B182. *Doppler Constraints on Planetary Companions to Nearby Sun-like Stars: An Archival Radial Velocity Survey of Southern Targets for Proposed NASA Direct Imaging Missions*  
Laliois, K., Burt, J. A., **Mamajek, E. E.**, Li, X., Perdelwitz, V., Zhao, J., Butler, R. P., Holden, B., Rosenthal, L., Fulton, B. J., Feng, F., Kane, S. R., Bailey, J., Carter, B., Crane, J. D., Furlan, E., Gnilka, C. L., Howell, S. B., Laughlin, G., Shectman, S. A., Teske, J. K., Tinney, C. G., Vogt, S. S., Wang, S. X., Wittenmyer, R. A., 2023, AJ, 165, 176 ([arXiv:2302.10310](#)) (6 citations)
- B181. *Simulations for Planning Next-generation Exoplanet Radial Velocity Surveys*  
Newman, P. D., Plavchan, P., Burt, J. A., Teske, J., **Mamajek, E. E.**, Leifer, S., Gaudi, B. S., Blackwood, G., Morgan, R., 2023, AJ, 165, 151 ([arXiv:2204.13968](#)) (6 citations)
- B180. *Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYS): Characterization of the Young Star T CrA and its Circumstellar Environment*  
Rigliaco, E., Gratton, R., Ceppi, S., Ginski, C., Hogerheijde, M., Benisty, M., Birnstiel, T., Dima, M., Facchini, S., Garufi, A., Bae, J., Langlois, M., Lodato, G., **Mamajek, E.**, Manara, C. F., Ménard, F., Ribas, A., Zurlo, A., 2023, A&A, 671, A82 ([arXiv:2301.01486](#)) (4 citations)
- B179. *A Second Earth-sized Planet in the Habitable Zone of the M Dwarf, TOI-700*  
Gilbert, E. A., Vanderburg, A., Rodriguez, J. E., Hord, B. J., Clement, M. S., Barclay, T., Quintana, E. V., Schlieder, J. E., Kane, S. R., Jenkins, J. M., Twicken, J. D., Kunimoto, M., Vanderspek, R., Arney, G. N., Charbonneau, D., Günther, M. N., Huang, C. X., Isopi, G., Kostov, V. B., Kristiansen, M. H., Latham, D. W., Mallia, F., **Mamajek, E. E.**, Mireles, I., Quinn, S. N., Ricker, G. R., Schulte, J., Seager, S., Suissa, G., Winn, J. N., Youngblood, A., & Zapparrata, A., 2023, ApJ, 944, L35 ([arXiv:2301.03617](#)) (11 citations)
- B178. *TOI-1075 b: A Dense, Massive, Ultra-short-period Hot Super-Earth Straddling the Radius Gap*  
Essack, Z., Shporer, A., Burt, J. A., Seager, S., Cambioni, S., Lin, Z., Collins, K. A., **Mamajek, E. E.**, Stassun, K. G., Ricker, G. R., Vanderspek, R., Latham, D. W., Winn, J. N., Jenkins, J. M., Butler, R. P., Charbonneau, D., Collins, K. I., Crane, J. D., Gan, T., Hellier, C., Howell, S. B., Irwin, J., Mann, A. W., Ramadhan, A., Shectman, S. A., Teske, J. K., Yee, S. W., Mireles, I., Quintana, E. V., Tenenbaum, P., Torres, G., Furlan, E., 2023, AJ, 165, 47 ([arXiv:2210.14901](#)) (6 citations)
- B177. *Launch of NameExoWorlds 2022 Competition*  
Canas, L., Tancredi, G., **Mamajek, E. E.**, Tangmatitham, M., Christensen, L. L., 2022, Communicating Astronomy with the Public Journal, 31, 6

- B176. *A Scaled-up Planetary System Around a Supernova Progenitor*  
Squicciarini, V., Gratton, R., Janson, M., **Mamajek, E. E.**, Chauvin, G., Delorme, P., Langlois, M., Vigan, A., Ringqvist, S. C., Meeus, G., Reffert, S., Kenworthy, M., Meyer, M. R., Bonnefoy, M., Bonavita, M., Mesa, D., Samland, M., Desidera, S., D'Orazi, V., Engler, N., Alecian, E., Miglio, A., Henning, T., Quanz, S. P., Mayer, L., Flasseur, O., Marleau, G.-D., 2022, *A&A*, 664, A9 ([arXiv:2205.02279](https://arxiv.org/abs/2205.02279)) (16 citations)
- 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*  
Mann, A.W. and 51 co-authors including **Mamajek, E. E.**, 2022, *AJ*, 163, 156 ([arXiv:2110.09531](https://arxiv.org/abs/2110.09531)) (42 citations)
- B174. *K2 Discovery of a Circumsecondary Disk Transiting EPIC 220208795*  
van der Kamp, L., van Dam, D. M., Kenworthy, M. A., **Mamajek, E. E.**, Pojmański, G., 2022, *A&A*, 658, A38 ([arXiv:2110.15086](https://arxiv.org/abs/2110.15086)) (1 citation)
- B173. *Unveiling wide-orbit companions to K-type stars in Sco-Cen with Gaia EDR3*  
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, *A&A*, 657, A53 ([arXiv:2109.09185](https://arxiv.org/abs/2109.09185)) (3 citations)
- B172. *A wide-orbit giant planet in the high-mass b Centauri binary system*  
Janson M., Gratton R., Rodet L., Vigan A., Bonnefoy M., Delorme P., **Mamajek E. E.**, Reffert S., Stock, L., Marleau, G.-D., Langlois, M., Chauvin, G., Desidera, S., Ringqvist, S., Mayer, L., Viswanath, G., Squicciarini, V., Meyer, M. R., Samland, M., Petrus, S., Helled, R., Kenworthy, M. A., Quanz, S. P., Biller, B., Henning, T., Mesa, D., Engler, N., Carson, J. C., 2021, *Nature*, 600, 231 ([arXiv:2112.04833](https://arxiv.org/abs/2112.04833)) (25 citations) (*Astronomy*)
- B171. *TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399*  
Burt, J. A., Dragomir, D., Mollière, P., Youngblood, A., García Muñoz, A., McCann, J., Kreidberg, L., Huang, C. X., Collins, K. A., Eastman, J. D., Abe, L., Almenara, J. M., Crossfield, I. J. M., Ziegler, C., Rodriguez, J. E., **Mamajek, E. E.**, Stassun, K. G., Halverson, S. P., Villanueva, S., Butler, R. P., Wang, S. X., Schwarz, R. P., Ricker, G. R., Vanderspek, R., Latham, D. W., Seager, S., Winn, J. N., Jenkins, J. M., Agabi, A., Bonfils, X., Ciardi, D., Cointepas, M., Crane, J. D., Crouzet, N., Dransfield, G., Feng, F., Furlan, E., Guillot, T., Gupta, A. F., Howell, S. B., Jensen, E. L. N., Law, N., Mann, A. W., Marie-Sainte, W., Matson, R. A., Matthews, E. C., Mékarnia, D., Pepper, J., Scott, N., Shectman, S. A., Schlieder, J. E., Schmider, F.-X., Stevens, D. J., Teske, J. K., Triaud, Amaury, H. M. J., Charbonneau, D., Berta-Thompson, Z. K., Burke, C. J., Daylan, T., Barclay, T., Wohler, B., Brasseur, C. E., 2020, *AJ*, 162, 87 ([arXiv:2105.08077](https://arxiv.org/abs/2105.08077)) (15 citations)
- B170. *A Search for Transiting Companions in the J1407 (V1400 Cen) System*  
Barmantloo, S., Dik, C., Kenworthy, M. A., **Mamajek, E. E.**, Hamsch, F.-J., Reichart, D. E., Rodriguez, J. E., van Dam, D. M., 2021, *A&A*, 652, 117 ([arXiv:2106.15902](https://arxiv.org/abs/2106.15902)) (2 citations)

- B169. *The  $^{13}\text{CO}$ -rich Atmosphere of a Young Accreting Super-Jupiter*  
Zhang, Y., Snellen, I. A. G., Bohn, A. J., Mollière, P., Ginski, C., Hoeijmakers, H. J., Kenworthy, M. A., **Mamajek, E. E.**, Meshkat, T., Reggiani, M., Snik, F., 2021, AJ, Nature, 595, 370 ([arXiv:2107.06297](#)) (46 citations)
- B168. *A Detailed Characterization of HR 8799's Debris Disk with ALMA in Band 7*  
Faramaz, V., Marino, S., Booth, M., Matrà, L., **Mamajek, E. E.**, Bryden, G., Stapelfeldt, K. R., Casassus, S., Cuadra, J., Hales, A. S., Zurlo, A., 2021, AJ, 161, 271 ([arXiv:2104.02088](#)) (29 citations)
- B167. *SpiKeS: Precision Warm Spitzer Photometry of the Kepler Field*  
Werner, M. W., Gorjian, V., Morales, F. Y., Livingston, J. H., Kennedy, G. M., Akeson, R. L., Beichman, C., Ciardi, D. R., Furlan, E., Lowrance, P. J., **Mamajek, E. E.**, Plavchan, P., Stark, C. C., Wyatt, M. C., 2021, ApJS, 254, 11 (4 citations)
- B166. *Discovery of an Edge-on Circumstellar Debris Disk around BD+45° 598: A Newly Identified Member of the  $\beta$  Pictoris Moving Group*  
Hinkley, S., Matthews, E. C., Lefevre, C., Lestrade, J-F., Kennedy, G., Mawet, D., Stapelfeldt, K. R., Ray, S., **Mamajek, E.**, Bowler, B. P., Wilner, D., Williams, J., Ansdell, M., Wyatt, M., Lau, A., Phillips, M. W., Fernandez, J., Gagné, J., Bubb, E., Sutlieff, B. J., Wilson, T. J. G., Matthews, B., Ngo, H., Piskorz, D., Crepp, J. R., Gonzalez, E., Mann, A. W., Mace, G., 2021, ApJ, 912, 115 ([arXiv:2103.12824](#)) (11 citations)
- B165. *Faster Exo-Earth yield for HabEx and LUVOIR via extreme precision radial velocity prior knowledge*  
Morgan, R., Savransky, D., Turmon, M., Mennesson, B., Dula, W., Keithly, D., **Mamajek, E. E.**, Newman, P., Plavchan, P., Robinson, T. D., Roudier, G., Stark, C., 2021, JATIS, 7, 021220 (3 citations)
- B164. *Discovery of a Directly Imaged Planet to the Young Solar Analog YSES 2*  
Bohn, A. J., Ginski, C., Kenworthy, M. A., **Mamajek, E. E.**, Pecaat, M. J., Mugrauer, M., Vogt, N., Adam, C., Meshkat, T., Reggiani, M., Snik, F., 2021, A&A, 648, 73 ([arXiv:2104.08285](#)) (29 citations)
- B163. *The  $\beta$  Pictoris b Hill Sphere Transit Campaign. I. Photometric Limits to Dust and Rings*  
Kenworthy, M. A., Mellon, S. N., Bailey, J. I., Stuik, R., Dorval, P., Talens, G. J. J., Crawford, S. R., **Mamajek, E. E.**, Luginja, I., Ireland, M., Lomberg, B., Kuhn, R. B., Snellen, I., Zwintz, K., Kuschnig, R., Kennedy, G. M., Abe, L., Agabi, A., Mekarnia, D., Guillot, T., Schmider, F., Stee, P., de Pra, Y., Buttu, M., Crouzet, N., Kalas, P., Wang, J. J., Stevenson, K., de Mooij, E., Lagrange, A.-M., Lacour, S., Lecavelier des Etangs, A., Nowak, M., Strøm, P. A., Hui, Z., Wang, L., 2021, A&A, 648, 15 ([arXiv:2102.05672](#)) (7 citations)
- B162. *Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYs): Late Infall Causing Disk Misalignment and Dynamic Structures in SU Aur*  
Ginski, C., Facchini, S., Huang, J., Benisty, M., Vaendel, D., Stapper, L., Dominik, C., Bae, J., Ménard, F., Muro-Arena, G., Hogerheijde, M. R., McClure, M., van Holstein, R. G., Birnstiel, T., Boehler, Y., Bohn, A., Flock, M., **Mamajek, E. E.**, Manara, C. F., Pinilla, P., Pinte, C., Ribas, A., 2021, ApJ, 908, L25 ([arXiv:2102.08781](#)) (56 citations)



- B161. *Three New Late-type Stellar Companions to Very Dusty WISE Debris Disks Identified with SPHERE Imaging*  
Matthews, E. C., Hinkley, S., Stapelfeldt, K., Vigan, A., Mawet, D., Crossfield, I.J. M., David, T. J., **Mamajek, E.**, Meshkat, T., Morales, F., Padgett, D., AJ, 161, 78 ([arXiv:2012.03980](#)) (2 citations)
- B160. *BEAST begins: sample characteristics and survey performance of the B-star Exoplanet Abundance Study*  
Janson, M., Squicciarini, V., Delorme, P., Gratton, R., Bonnefoy, M., Reffert, S., **Mamajek, E. E.**, Eriksson, S. C., Vigan, A., Langlois, M., Engler, N., Chauvin, G., Desidera, S., Mayer, L., Marleau, G-D., Bohn, A. J., Samland, M., Meyer, M., d'Orazi, V., Henning, T., Quanz, S., Kenworthy, M., Carson, J. C., 2020, AJ, 646, A164 ([arXiv:2101.02043](#)) (21 citations)
- B159. *Origins Space Telescope science drivers to design traceability*  
Meixner, M., Cooray, A., Leisawitz, D. T., Staguhn, J. G., Armus, L., Battersby, C., Bauer, J., Benford, D., Bergin, E., Bradford, C. M., Burgarella, D., Carey, S., De Beck, E., Ennico-Smith, K., Fortney, J. J., Gerin, M., Helmich, F. P., Kataria, T., **Mamajek, E. E.**, Melnick, G. J., Milam, S. N., Moseley, S. H., Narayanan, D., Neff, S. G., Padgett, D., Pontoppidan, K., Pope, A., Roellig, T. L., Sakon, I., Sandstrom, K., Scott, D., Sheth, K., Stevenson, K. B., Su, K. Y., Vieira, J., Wiedner, M. C., Wright, E., Zmuidzinas, J., & Origins Study Team, 2021, JATIS, 7, 011012 (4 citations)
- B158. *Origins Space Telescope: baseline mission concept*  
Leisawitz, D., and 95 coauthors including **Mamajek, E.**, 2021, JATIS, 7, 011002 (8 citations)
- B157. *A Collage of Small Planets from the Lick-Carnegie Exoplanet Survey: Exploring the Super-Earth and Sub-Neptune Mass Regime*  
Burt, J., Feng, F., Holden, B., **Mamajek, E. E.**, Huang, C. X., Rosenthal, M. M., Wang, S., Butler, R. P., Vogt, S. S., Laughlin, G., Henry, G. W., Teske, J. K., Wang, S. X., Crane, J. D., Shectman, S. A., 2021, AJ, 161, 10 ([arXiv:2011.08867](#)) (10 citations)
- B156. *An Asymmetric Eclipse Seen toward the Pre-main-sequence Binary System V928 Tau*  
van Dam, D. M., Kenworthy, M. A., David, T. J., Mamajek, E. E., Hillenbrand, L. A., Cody, A. M., Howard, A. W., Isaacson, H., Ciardi, D. R., Rebull, L. M., Stauffer, J. R., Patel, R., Cameron + WASP Collaborators, A. C., Rodriguez, J. E., Pojmański, G., Gonzales, E. J., Schlieder, J. E., Hamsch, F-J. Dufoer, S., Vanmunster, T., Dubois, F., Vanaverbeke, S., Logie, L., Rau, S., 2020, AJ, 160, 285 ([arXiv:2010.11199](#)) (4 citations)
- B155. *The  $\mu$  Tau Association: A 60 Myr-Old Coeval Group at 150 pc from the Sun*  
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- B154. *TESS Hunt for Young and Maturing Exoplanets (THYME). III. A Two-planet System in the 400 Myr Ursa Major Group*  
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- C28. *Kinematics of the Interstellar Vagabond 1I/Oumuamua (A/2017 U1)*  
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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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- C10. *Beta Pic Moving Group: HR Diagram and Pre-Main Sequence Isochrones for A/F-type Members*  
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- C1. *The Dispersal of Young Stars and the Greater Sco-Cen Association*  
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### First-Author Posters & Published Conference Abstracts for Talks

- E23. *Provisional NASA ExEP Mission Target Star List for the Habitable Worlds Observatory*  
**Mamajek, E.**, Stapelfeldt, K., 2024, AASTCS10, Extreme Solar Systems V, id. 628.17. Bulletin of the American Astronomical Society, Vol. 56, No. 4 e-id 2024n4i628p17
- E22. *TOLIMAN: An Astrometry Mission to Detect Earth Analogs Orbiting the Nearest Sun-like Stars*  
**Mamajek, E.**, Bendek, E., Belikov, R., Meyer, M., Raouf, M., Nielsen, E., Sirbu, D., Vasisht, G., Roberson, W., Tuthill, P., 2024, AAS Meeting #243, 450.01. e-id 2024n2i450p01
- E22. *Direct Measurements of Stellar Masses with the Habitable World Observatory*  
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- E21. *NASA ExEP Mission Star List of Plausible Targets for a Future IROUV Direct Imaging Space Observatory*  
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- E20. *The NASA Exoplanet Exploration Program: Update and Prospects for the 2020's and Beyond*  
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- E18. *DECam Survey for Substellar and Low-mass Stellar Members of Sco-Cen*  
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- E17. *A Transiting Extrasolar Ring System: Indirect Evidence for Exosatellite Formation?*  
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- E16. *Rewriting the Star-Formation History of the Nearest OB Association*  
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- E15. *The Ages of Stars Hosting Substellar Companions*  
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- E14. *Planetary Construction Zones in Occultation: Eclipses by Circumsecondary and Circumplanetary Disks and a Candidate Eclipse of a Pre-Main Sequence Star in Sco-Cen*  
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- E12. *Improved Age Estimate for Solar-type Dwarfs Using Activity-Rotation Diagnostics*  
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- E11. *An Improbable Solution to the Underluminosity of 2M1207B: A Hot Protoplanet Collision Afterglow*  
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- E10. *A New Candidate Post-T Tauri Group at  $d \approx 90$  pc Associated with 32 Ori*  
**Mamajek, E. E.,** 2006, Cool Stars and Stellar Systems 14, #251, Pasadena, CA
- E9. *A Splinter Session on the Thorny Problem of Stellar Ages*  
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- E8. *The Formation and Evolution of Planetary Systems (FEPS): Discovery of an Unusual Debris System Associated with HD 12039*  
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- E7. *The Distance to the Young Exoplanet 2M1207 b in the TW Hya Association*  
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- E6. *Assessing Kinematic Group Memberships for Astrophysically Interesting, Nearby, Young, Stellar/Substellar Systems*  
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- E5. *Nearby Post-T Tauri Stars: Young Solar System Analogs*  
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- E4. *The Star-Formation History and Accretion Disk Census of Pre-Main Sequence Stars in the LCC and UCL Subgroups of Sco-Cen*  
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- E3. *The  $\eta$  Cha Cluster and TW Hya Association: A Common Origin in the Sco-Cen OB Association*  
**Mamajek, E. E.,** Feigelson, E. D., & Lawson, W. A. 1999, BAAS, 195, #75.08

- E2. *The  $\eta$  Cha Cluster: Stellar Population, Kinematics and Origin*  
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