

# David V. Martin

NASA SAGAN FELLOW

The Ohio State University

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## Summary

**Students Supervised** 4 PhD · 1 Masters · 5 Undergrad · 1 Post-Bacc/Undergrad  
**Papers** 41 total (h-index 17) · 15 first author (h-index 11) · 10 with supervised students  
**Observing** 14 ground prog. (460+ nights) · 12 space prog. · BEBOP founder · EBLM leader  
**Funding** \$190,000 as PI · \$360,000 total  
**Talks** 27 invited colloquia · 20 conference talks · 30+ teaching/outreach

## Employment

2023 -	<b>Assistant Professor (Tenure Track)</b>	Tufts University	<i>Boston, MA</i>
2021 - 2023	<b>NASA Sagan Fellow</b>	The Ohio State University	<i>Columbus, OH</i>
2020 - 2021	<b>Fellow of the Swiss National Science Foundation &amp; Buckeye Fellow</b>	The Ohio State University	<i>Columbus, OH</i>
2017 - 2019	<b>Fellow of the Swiss National Science Foundation</b>	University of Chicago	<i>Chicago, IL</i>

## Education

2013 - 2017	<b>PhD in Astronomy &amp; Astrophysics</b>	Université de Genève	<i>Geneva, CH</i>
2012	<b>Honours in Astronomy</b>	Monash University	<i>Melbourne, AUS</i>
2008 - 2011	<b>Bachelor of Science Advanced</b>	Monash University	<i>Melbourne, AUS</i>

## Students

### GRADUATE

<b>Alison Duck</b>	<i>Ohio State, OH</i>
PHD (PRIMARY ADVISOR B. SCOTT GAUDI)	<i>2020 - 2023</i>
<ul style="list-style-type: none"><li>M-dwarf fundamental parameters · Eclipsing binaries</li><li>Duck, Martin+ (2023) · Martin, Armitage, Duck+ (2022)</li></ul>	
<b>Romy Rodríguez Martínez</b>	<i>Ohio State, OH</i>
PHD (PRIMARY ADVISOR B. SCOTT GAUDI) · HARVARD FUTURE FACULTY LEADERS POSTDOCTORAL FELLOW FROM AUGUST 2023	<i>2022 - 2023</i>
<ul style="list-style-type: none"><li>White dwarfs · Flares · M-dwarfs</li><li>Martin+ incl Rodríguez Martínez (2022) · Duck+ incl Rodríguez Martínez (2023) · Fitzmaurice, Martin, Rodríguez Martínez+ (2023) · Martin+ incl Rodríguez Martínez (2023)</li></ul>	
<b>Kiersten Boley</b>	<i>Ohio State, OH</i>
PHD (PRIMARY ADVISOR JI WANG)	<i>2022 - 2023</i>
<ul style="list-style-type: none"><li>Transiting exoplanets · White dwarfs</li><li>Fitzmaurice+ incl Boley (2022)</li></ul>	
<b>Ritika Sethi</b>	<i>IISER Berthampur, India</i>
MASTERS · PHD AT MIT FROM AUGUST 2023	<i>2022 - 2023</i>
<ul style="list-style-type: none"><li>Stellar rotation and ages · Tidal physics · Flares</li><li>Martin+ incl Sethi (2022) · Duck+ incl Sethi (2023) · Martin, Sethi, Armitage+ (2023)</li></ul>	
<b>Vedad Kunovac Hodžić</b>	<i>Chicago, IL</i>
PHD (FULLBRIGHT SCHOLAR, PRIMARY ADVISOR AMAURY TRIAUD) · NOW A POSTDOC AT LOWELL OBSERVATORY	<i>2019 - 2020</i>
<ul style="list-style-type: none"><li>Spin-orbit obliquity · Exoplanet discovery/confirmation</li><li>Kunovac Hodžić, Triaud, Martin+ (2020) · Martin, El-Badry, Kunovac Hodžić+ (2021)</li></ul>	

## UNDERGRADUATE

### Nathan Hughes

UNDERGRADUATE (CO-ADVISOR ALEXANDER STEPHAN)

- White dwarfs · Exoplanet evolution · Celestial mechanics

Ohio State, OH

2023

### Shelby Summers

UNDERGRADUATE (CO-ADVISOR ALISON DUCK)

- TESS photometry · Hot-Jupiters

Ohio State, OH

2023

### Tayt Armitage

UNDERGRADUATE (CO-ADVISOR ROMY RODRÍGUEZ MARTÍNEZ) · PHD AT WISCONSIN FROM AUGUST 2023

- Flares · M-dwarf fundamental parameters
- Martin, Armitage+ (2022) · Duck, Martin, Armitage+ (2023) · Martin, Sethi, Armitage+ (2023)

Ohio State, OH

2022 - 2023

### Andrew Miller

UNDERGRADUATE (CO-ADVISOR ALEXANDER STEPHAN)

- Binary stellar evolution · Population synthesis · Gravitational wave progenitors
- Miller, Stephan & Martin (2023)

Ohio State, OH

2022 - 2023

### Evan Fitzmaurice

UNDERGRADUATE/POST-BACC · NOW A PHD STUDENT AT PENN STATE

- Planet formation · Celestial mechanics · Circumbinary planets · White dwarfs
- Martin & Fitzmaurice (2022) · Fitzmaurice, Martin & Fabrycky (2022) · Fitzmaurice, Martin+ (2023)

Ohio State, OH

2020 - 2022

### Hannah Parsons

UNDERGRADUATE

- Circumbinary planets · Kepler photometry

Ohio State, OH

2021

## Grants

2022	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 5 (GO5024) · Principal Investigator	\$70,000
2021	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 4 (GO4157) · Principal Investigator	\$70,000
2021	<b>Circumbinary Planets</b>	TESS Cycle 4 (GO4058) · Collaborator (PI: Kostov)	\$70,000
2020	<b>Circumbinary Planets</b>	TESS Cycle 3 (GO3195) · Collaborator (PI: Kostov)	\$50,000
2019	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 2 (GO22253) · Principal Investigator	\$50,000

## Leadership, Service & DEI

2022	<b>Great Lakes Area Exoplanet Meeting</b>	Lead Organiser · ~ 90 Attendees · ~ \$20,000 Budget	Ohio State
2022	<b>51 Peg Fellowship Recruitment</b>		Ohio State
2022 -	<b>Hubble Fellowship Mentor</b>		
2022 -	<b>Diversity Journal Club</b>	Organiser · Presenter · Moderator	Ohio State
2021 -	<b>Diversity, Equity &amp; Inclusion Committee</b>	Postdoc Representative	Ohio State
2021 -	<b>Graduate Student Admissions Interviews</b>		Ohio State
2021 -	<b>Exoplanet Group Meeting</b>	Organiser · Moderator · Coordinating Visitors	Ohio State
2018 - 2019	<b>Exoplanet Group Meeting</b>	Organiser · Moderator · Coordinating Visitors	Chicago
2019 -	<b>Proposal Referee</b>	5x · FINNEST · NSF Grad Fellowship · Opticon TAC	
2017	<b>Planets in Binaries Workshop</b>	~ 60 attendees · Organiser (local & scientific committees)	Bern · CH
2016 -	<b>Journal Referee</b>	14x · Nature · ApJ · A&A · MNRAS · PASA · New Astronomy Review	
	<b>Membership</b>	AAS · TESS CBP Working Group · PLATO CBP Working Group · BEBOP Collaboration (founder) · EBLM Collaboration (co-leader)	

## Teaching

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2023	<b>AAS Preparation Workshop</b>	Slide design · Poster design · Networking skills	<i>Ohio State</i>
2022	<b>PhD Student Presentation Workshop</b>	Slide design · Presentation skills · Peer review	<i>Ohio State</i>
2022	<b>Soft Skills Workshops</b>	3x · Poster creation · Website building · CVs	<i>Ohio State</i>
2021 - 2022	<b>AST 2825 Guest Lecturer</b>	2x	<i>Ohio State</i>
2018	<b>AST 133 Guest Lecturer</b>		<i>Chicago</i>
2014 -	<b>Telescope Operating Instructor</b>	7 students	<i>ESO La Silla</i>

## Observing

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**BEBOP (Binaries Escorted By Orbiting Planets)** Founder (2013) · 4 Papers

**EBLM (Eclipsing Binaries Low Mass)** Leader (Since 2013) · 8 Papers

### 12 Space Proposals Accepted

2022 - 2023	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 5 (GO5024) · Principal Investigator	<i>200 targets</i>
2022 - 2023	<b>M-dwarf Flare Geometry in Eclipsing Binaries</b>	TESS Cycle 5 (GO5073) · Principal Investigator	<i>2 targets</i>
2022 - 2023	<b>White Dwarfs in Binaries</b>	TESS Cycle 5 (GO5071) · Principal Investigator	<i>800 targets</i>
2019 - 2023	<b>EBLM M-dwarf Fundamental Parameters</b>	CHEOPS GTO · Co-Investigator (PI: Pierre Maxted)	<i>25 targets</i>
2021 - 2022	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 4 (GO4157) · Principal Investigator	<i>200 targets</i>
2021 - 2022	<b>Circumbinary Planets</b>	TESS Cycle 4 (GO4058) · Collaborator	<i>Full Frame Images</i>
2021 - 2022	<b>White Dwarfs in Binaries</b>	TESS Cycle 4 (GO4209) · Principal Investigator	<i>7,000 targets</i>
2021 - 2022	<b>M-dwarf Flare Phases</b>	TESS Cycle 4 (GO4229) · Co-Investigator (PI: Emily Gilbert)	<i>24 targets</i>
2020 - 2021	<b>Circumbinary Planets</b>	TESS Cycle 3 (GO3195) · Collaborator	<i>Full Frame Images</i>
2020 - 2021	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 3 (GO3195) · Collaborator	<i>200 targets</i>
2020 - 2021	<b>Planets Around Halo Stars</b>	TESS Cycle 3 (GO3120) · Collaborator (PI: Ji Wang)	<i>900 targets</i>
2019 - 2020	<b>EBLM M-dwarf Fundamental Parameters</b>	TESS Cycle 2 (GO22253) · Principal Investigator	<i>200 targets</i>

**14 Ground Proposals Accepted** > 460 nights awarded · ~140+ Personal Observing Nights on Site · ~30 Nights Remote · 7 Students Trained

2018 - 2024	<b>BEBOP North Large Program</b>	SOPHIE Spectrograph (France) · Co-I (PI: Alexander Santerne)	<i>208 nights</i>
2023	<b>Asteroseismology - WD Age Calibration</b>	LBT/MODS Spectrograph (AZ) · Principal Investigator	<i>1 night</i>
2022 - 2023	<b>TESS WD Planet Candidates</b>	CHIRON Spectrograph (Chile) · Principal Investigator	<i>6 nights</i>
2022 - 2023	<b>TOI-700 Habitable Zone Exoplanets</b>	ESPRESSO Spectrograph (Chile) · Co-I (PI: Emily Gilbert)	<i>8 nights</i>
2020 - 2023	<b>Non-Interacting Black Holes in Binaries</b>	CHIRON Spectrograph (Chile) · Co-I (PI: ASAS-SN Team)	<i>13 nights</i>
2022	<b>4 Candidates WD Spectroscopy</b>	LBT/MODS Spectrograph (AZ) · Co-I (PI: Romy Rodríguez)	<i>1 night</i>
2021	<b>TOI-1259 WD Spectroscopy</b>	LBT/MODS Spectrograph (AZ) · Principal Investigator	<i>1/2 night</i>
2022 - 2023	<b>BEBOP-1 First RV Discovery</b>	ESPRESSO Spectrograph (Chile) · Co-I (PI: Matthew Standing)	<i>8 nights</i>
2021 - 2023	<b>BEBOP South Large Program 3</b>	HARPS Spectrograph (Chile) · Co-I (PI: Amaury Triaud)	<i>78 nights</i>
2018 - 2020	<b>BEBOP South Large Program 2</b>	HARPS Spectrograph (Chile) · Co-I (PI: Amaury Triaud)	<i>54 nights</i>
2017	<b>Kepler-1660 Confirmation</b>	CARMENES Spectrograph (Spain) · Co-I (PI: Hans Deeg)	<i>4 nights</i>
2017	<b>BEBOP High Resolution Pilot</b>	HARPS Spectrograph (Chile) · Co-I (PI: Amaury Triaud)	<i>5 nights</i>
2013 - 2019	<b>BEBOP South Large Program 1</b>	CORALIE Spectrograph (Chile) · Principal Investigator	<i>60 nights</i>
2013 - 2019	<b>EBLM Survey</b>	CORALIE Spectrograph (Chile) · Co-I (PI: Amaury Triaud)	<i>20 nights</i>

## Selected Press

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2022	<b>The Future of Astronomy Starts Here - 25 Rising Stars in Astronomy</b>		<i>Astronomy Mag.</i>
2022	<b>Welcome to Kepler-16b, A ‘Tatooine’ Planet Newly Spotted From Earth</b>	Triaud et al. (2022)	<i>Forbes Mag.</i>
2020	<b>How’s Your Internship Going? This Teen Found a Planet</b>	Kostov et al. (2020)	<i>New York Times</i>
2017	<b>This is the Tiniest Star Scientists Have Ever Seen</b>	von Boetticher et al. (2017)	<i>NBC News</i>
2016	<b>Exoplanet hunters are missing 75 per cent of two-star worlds</b>	Martin (2017)	<i>New Scientist</i>

INVITED COLLOQUIA (27 TOTAL)

2023	<b>University of Hawaii</b>	Honolulu, HI
2023	<b>Tufts University</b>	Boston, MA
2023	<b>Virginia</b>	Charlottesville, VA
2023	<b>Southern Methodist University</b>	Dallas, TX
2023	<b>Michigan State University</b>	East Lansing, MI
2023	<b>Texas Tech University</b>	Lubbock, TX
2023	<b>Wayne State University</b>	Detroit, MI
2022	<b>University of Southern Queensland</b>	Virtual
2022	<b>University of New South Wales</b>	Sydney, AUS
2022	<b>Monash University</b>	Melbourne, AUS
2022	<b>Vanderbilt University</b>	Nashville, TN
2022	<b>Flatiron CCA</b>	New York, NY
2022	<b>IPAC/Caltech</b>	Virtual
2022	<b>Yale</b>	Virtual
2022	<b>Penn State University</b>	Virtual
2021	<b>Arizona</b>	Virtual
2021	<b>McGill University</b>	Virtual
2021	<b>University of Birmingham</b>	Virtual
2020	<b>The Ohio State University</b>	Virtual
2019	<b>The Ohio State University</b>	Columbus, OH
2018	<b>University of Geneva</b>	Geneva, CH
2016	<b>University of Cambridge</b>	Cambridge, UK
2016	<b>Monash University</b>	Melbourne, AUS
2016	<b>CTIO</b>	La Serena, CHILE
2015	<b>University of Geneva</b>	Geneva, CH
2015	<b>University of Toronto</b>	Toronto, CAN
2013	<b>University of Geneva</b>	Geneva, CH

CONFERENCE TALKS (20 TOTAL)

2022	<b>Great Lakes Area Exoplanet Meeting</b>	Organiser	Columbus, OH
2022	<b>CCAPP Fellow Symposium</b>		Columbus, OH
2022	<b>NASA Hubble Symposium</b>		Virtual
2022	<b>Exoplanets IV</b>		Las Vegas, NV
2021	<b>Great Lakes Area Exoplanet Meeting</b>		Ann Arbor, MI
2021	<b>CCAPP Fellow Symposium</b>		Columbus, OH
2021	<b>NASA Hubble Symposium</b>		Virtual
2021	<b>Triple Evolution &amp; Dynamics 3</b>		Virtual
2020	<b>NASA Hubble Symposium</b>		Virtual
2019	<b>Lake Michigan Exoplanets Meeting</b>		Chicago, IL
2019	<b>TESS Science Conference I</b>	Poster Award Winner	Cambridge, MA
2019	<b>Universe of Binaries</b>	Invited Review	Telc, CZECH
2018	<b>Triple Evolution &amp; Dynamics 2</b>	Invited	Leiden, NETH
2017	<b>Exoplanets II</b>		Cambridge, UK
2017	<b>Planets in Binaries</b>	Organiser	Bern, CH
2015	<b>European Week of Science</b>	Invited	Tenerife, SPAIN
2015	<b>Triple Evolution &amp; Dynamics</b>		Haifa, ISRAEL
2014	<b>Planet-S Kick-off</b>		Geneva, CH
2014	<b>Living together: planets, hosts &amp; binaries</b>		Litomysl, CZECH
2014	<b>European Week of Space Science</b>		Geneva, CH

## OUTREACH EVENTS (25 TOTAL)

2022	<b>Suds ‘n’ Science</b>		<i>Columbus, OH</i>
2022	<b>Ohio State Astronomy Society</b>		<i>Columbus, OH</i>
2020 - 2022	<b>Ohio State Movie Night</b>	3x	<i>Virtual</i>
2021 - 2022	<b>Perkins Observatory</b>	2x	<i>Delaware, OH</i>
2020	<b>Ask an Astronomer</b>		<i>Virtual</i>
2018 - 2019	<b>Senior Citizen Science</b>	2x	<i>Chicago, IL</i>
2018 - 2019	<b>Astro on Tap</b>	2x	<i>Chicago, IL</i>
2018	<b>Sulzer Library</b>		<i>Chicago, IL</i>
2016 - 2017	<b>Geneva Elementary School</b>	2x	<i>Geneva, CH</i>
2013 - 2017	<b>Geneva Observatory Tour Guide</b>	10x · Bilingual (French/English) · ages ~5-80 · Planetarium	<i>Geneva, CH</i>

## References

<b>B. Scott Gaudi</b>	Postdoc Host · gaudi.1@osu.edu	<i>Ohio State, OH</i>
<b>Dan Fabrycky</b>	Postdoc Host · fabrycky@uchicago.edu	<i>Chicago, IL</i>
<b>Stéphane Udry</b>	PhD Advisor · stephane.udry@unige.ch	<i>Geneva, CH</i>
<b>Amaury Triaud</b>	Collaborator · a.triaud@bham.ac.uk	<i>Birmingham, UK</i>
<b>Rosemary Mardling</b>	Honours Advisor · rosemary.mardling@monash.edu	<i>Monash, AUS</i>

## Publications

**41 peer reviewed papers** h-index = 17  
**15 first author papers** h-index = 11  
**10 supervised student papers** highlighted in pink · 6 with student first author  
**1 textbook review chapter (Handbook of Exoplanets)**  
**800+ citations** 100+ max citations  
**All papers listed are published, accepted or under review (none are “in prep”)**

### SUPERVISED STUDENT FIRST AUTHOR (6 TOTAL)

<b>A Comparison of the Composition of Planets in Single- and Multi-Planet Systems Orbiting M dwarfs</b>	<i>ApJ (under review)</i>
RODRÍGUEZ MARTÍNEZ, R · MARTIN, D V · GAUDI, S · ET AL.	2023
<b>True and False Unicorns: Simulated Rates of Dark Massive Companions to Bright Stars</b>	<i>MNRAS (under review)</i>
MILLER, A · STEPHAN, A · MARTIN, D V	2023
<b>The EBLM project X - Benchmark masses, radii and temperatures for two fully convective M-dwarfs using K2</b>	<i>MNRAS</i>
DUCK, A · MARTIN, D V · GILL, S · ARMITAGE, T · RODRÍGUEZ MARTÍNEZ, R · ET AL.	2023
<b>Spectroscopy of TOI-1259 - an unpolluted white dwarf companion to a transiting inflated warm Saturn</b>	<i>MNRAS</i>
FITZMAURICE, E · MARTIN, D V · RODRÍGUEZ MARTÍNEZ, R · VALLELY, P · STEPHAN, A · BOLEY, K · ET AL.	2023
<b>Sculpting the circumbinary planet size distribution through resonant interactions with companion planets</b>	<i>MNRAS</i>
FITZMAURICE, E · MARTIN, D V · FABRYCKY, D	2022

<b>The EBLM project. VII - Spin-orbit alignment for the circumbinary planet host EBLM J0608-59/TOI-1338</b>	MNRAS
HODŽIĆ KUNOVAC, V · TRIAUD, A · MARTIN, D V · ET AL.	2020
FIRST AUTHOR (15 TOTAL)	
<b>The Benchmark M-Dwarf Eclipsing Binary CM Draconis With TESS: Spots, Flares and Ultra-Precise Parameters</b>	MNRAS (under review, arXiv)
MARTIN, D V · SETHI, R · ARMITAGE, T · GILBERT, G. · RODRÍGUEZ MARTÍNEZ, R · GILBERT, E.	2023
<b>Revised Temperatures for Two Benchmark M-dwarfs - Outliers No More</b>	MNRAS (under review, arXiv)
MARTIN, D V · ARMITAGE, T · DUCK, A · SWAYNE, M · RODRÍGUEZ MARTÍNEZ, R · SETHI, R · ET AL.	2022
<b>Running the Gauntlet - Survival of Small Circumbinary Planets Migrating Through Destabilising Resonances</b>	MNRAS
MARTIN, D V · FITZMAURICE, E	2022
<b>TOI-1259AB - a gas giant with 2.6% deep transits and a bound white dwarf companion</b>	MNRAS
MARTIN, D V · EL-BADRY, K · KUNOVAC HODŽIĆ, V · ET AL.	2021
<b>Searching for Small Circumbinary Planets I. The STANLEY Automated Algorithm and No New Planets in Existing Systems</b>	AJ
MARTIN, D V · FABRYCKY, D	2021
<b>The BEBOP radial-velocity survey for circumbinary planets I. Eight years of CORALIE observations of 47 single-lined eclipsing binaries and abundance constraints on the masses of circumbinary planets</b>	A&A
MARTIN, D V · ET AL.	2019
<b>Transit Phenomena of Inclined Exomoons - Hide and Seek and an Application to Kepler-1625</b>	MNRAS
MARTIN, D V · FABRYCKY, D · MONTET, B	2019
<b>The binary mass ratios of circumbinary planet hosts</b>	MNRAS
MARTIN, D V	2019
<b>Populations of planets in multiple star systems</b>	Handbook of Exoplanets
MARTIN, D V	2018
<b>Transit probability of precessing circumstellar planets in binaries and exomoons</b>	MNRAS
MARTIN, D V	2017
<b>Circumbinary planets - II. When transits come and go</b>	MNRAS
MARTIN, D V	2017
<b>Kozai-Lidov cycles towards the limit of circumbinary planets</b>	MNRAS
MARTIN, D V · TRIAUD, A	2016

**No circumbinary planets transiting the tightest Kepler binaries - a possible fingerprint of a third star** MNRAS  
MARTIN, D V · MAZEH, T · FABRYCKY, D 2015

**Circumbinary planets - why they are so likely to transit** MNRAS  
MARTIN, D V · TRIAUD, A 2015

**Planets transiting non-eclipsing binaries** A&A  
MARTIN, D V · TRIAUD, A 2014

## SECOND OR LATER AUTHOR (20 TOTAL)

**A  $5M_{\text{Jup}}$  Coplanar Circumbinary Planet around Kepler-1660AB** MNRAS (under review)  
GOLDBERG, M · FABRYCKY, D · MARTIN, D V · ET AL. 2023

**The First Circumbinary Planet Discovered With Radial Velocities** Nature Astronomy  
STANDING, M · SAIRAM, L · MARTIN, D V · ET AL. 2023

**The EBLM Project IX. Five fully convective M-dwarfs, precisely measured with CHEOPS and TESS light curves** MNRAS  
SEBASTIAN, D · ET AL. (INCL MARTIN, D V) 2023

**The Giraffe: Discovery of a stripped red giant in an interacting binary with a  $\sim 2M_{\odot}$  lower giant** MNRAS  
JAYASINGHE, T · ET AL. (INCL MARTIN, D V) 2022

**BEBOP III. Observations and an independent mass measurement of Kepler-16 (AB) b - the first circumbinary planet detected in radial velocities** MNRAS  
TRIAUD, A · STANDING, M · HEIDARI, N · MARTIN, D V 2022

**BEBOP II. Sensitivity to sub-Saturn circumbinary planets using radial velocities** MNRAS  
STANDING, M · TRIAUD, A · FARIA, J · MARTIN, D V 2022

**TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data** AJ  
KOSTOV, V · ET AL. (INCL MARTIN, D V) 2021

**The EBLM Project VIII. First results for M-dwarf mass, radius and effective temperature measurements using CHEOPS light curves** MNRAS  
SWAYNE, M · ET AL. (INCL MARTIN, D V) 2021

**A unicorn in the Monoceros: the 3 Msun dark companion to the bright, nearby red giant V723 is a non-interacting, mass-gap black hole candidate** AJ  
JAYASINGHE, T · ET AL. (INCL MARTIN, D V) 2021

**Multiple Transits during a Single Conjunction: Identifying Transiting Circumbinary Planetary Candidates from TESS** AJ  
KOSTOV, V · ET AL. (INCL MARTIN, D V) 2021

**TOI-1338: TESS' First Transiting Circumbinary Planets** AJ  
KOSTOV, V · ET AL. (INCL MARTIN, D V) 2020

**The EBLM Project. VI. Mass and radius of five low-mass stars in F+M binaries discovered by the WASP survey** A&A  
 GILL, S · ET AL. (INCL MARTIN, D V) 2019

**The EBLM Project. V. Physical properties of ten fully convective, very-low-mass stars** A&A  
 VON BOETTICHER, A · ET AL. (INCL MARTIN, D V) 2019

**The CORALIE survey for southern extrasolar planets. XVIII. 3 new massive planets and two low-mass brown dwarfs at greater than 5 AU separation** A&A  
 RICKMAN, E · ET AL. (INCL MARTIN, D V) 2019

**The EBLM Project. IV. Spectroscopic orbits of over 100 eclipsing M dwarfs masquerading as transiting hot Jupiters** A&A  
 TRIAUD, A · MARTIN, D V · ET AL. 2017

**The EBLM Project. III A Saturn-size low-mass star at the hydrogen-burning limit** A&A  
 VON BOETTICHER, A · ET AL. (INCL MARTIN, D V) 2017

**Gaia's potential for the discovery of circumbinary planets** MNRAS  
 SAHLMANN, J · TRIAUD, A · MARTIN, D V 2015

**On the abundance of circumbinary planets** MNRAS  
 ARMSTRONG, D · OSBORN, H · BROWN, D · FAEDI, F · GÓMEZ MAQUEO CHEW, Y · MARTIN, D V · ET AL. 2014

**Placing limits on the transit timing variations of circumbinary exoplanets** MNRAS  
 ARMSTRONG, D · MARTIN, D V · ET AL. 2014

**Towards Optimal Colimator Design for the PEDRO Hybrid Imager** IEEE Transactions on Nuclear Science  
 NGUYEN, C · GILLAM, J · BROWN, J · MARTIN, D V · ET AL. 2011