Andrew Winter

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Curriculum Vitae – June 9, 2026

Research Positions & Funding Awards

05/25– **Royal Society University Research Fellowship**: *'Environmental origins of exoplanet diversity'* – Queen Mary University of London, £1.83M.

09/24–04/25 Visiting researcher – Max Planck Institute for Astronomy, Heidelberg.

10/23–04/25 **Marie Skłodowska Curie Fellowship**: *'Observational signatures of planet formation in irradiated discs'* – Observatoire de la Côte d'Azur, €195k.

10/22–10/23 PDRA – Kinematic signatures of planet formation in protoplanetary discs, Observatoire de la Côte d'Azur.

6/22–7/22 Visiting researcher – Chemical inhomogeneities in globular clusters, Institute of Astronomy, University of Cambridge.

4/22 **Paris Regional Fellowship** (declined), €130k.

3/20–3/22 **Humboldt Fellowship** – *'Planet evolution in dense stellar clusters'*, Heidelberg University, €80k.

5/19–3/20 PDRA – *'Photoevaporative disc winds around binary stars'*, University of Leicester.

9/18–11/18 DFG funded visiting Ph.D. student – *'Linking galactic-scale star formation physics to protoplanetary disc survival'*, Heidelberg University.

Education

2015–2019 Ph.D., Institute of Astronomy, University of Cambridge
Graduation date: Oct 2019, Supervisor: Cathie Clarke
Thesis: The influence of stellar birth environment on protoplanetary disc evolution.

2011–2015 MMathPhys (Master of Mathematics and Physics), University of Warwick
1st Class Honours, Supervisor: Andrew Levan
Dissertation: Host galaxies of core collapse supernovae.

Publication and Research Summary

My broad research focus is on the connection between large-scale environment and planet formation. This involves unpicking connections between numerous topics including star forming regions, protoplanetary disc evolution, massive stars, stellar evolution, exoplanets, stellar clusters and galactic-scale star formation. By making connections between these areas, I have shown how the star formation environment influences the protoplanetary disc of dust and gas from which planets form. I have done this mainly from a theoretical perspective, but closely supported by observations and statistics. My research has been covered in popular science articles for journals such as New Scientist and Forbes. I have an h-index of 25 and a total of 1543 citations, with 19 first author articles. A full publication list is available on NASA/ADS.

Conference and Departmental Talks Summary

I have given 19 talks in departments across Europe, the US and China and at 40 international conferences since 2019. This includes 8 invited review talks at large international conferences. For a full list of my conference participation, see below.

Supervision

Feb 26–present	Fahham Kurji, Masters student (QMUL), Supervisor. Topic: Disc inclinations in local SFRs.
Oct 25–present	Oliver Brown, PhD student (QMUL), Supervisor. Topic: Dynamics of warped discs.
Oct 24–Present	Mika Kontiainen, PhD student (Cambridge), Project supervision (informal). Topic: The dynamical environment of exoplanetary systems.
Nov 23–May 24	James Wirth, Masters student (Cambridge), Supervisor. Topic: Testing analytic theory for planets in dense stellar clusters (paper submitted).
Nov 22–Dec 25	Rossella Anania, PhD Student (Milan), Co-supervisor. Topic: Simulating dynamical star-disc encounters in the Taurus star forming region.
Aug 22–Dec 25	Daniele Fasano, PhD Student (Nice), Co-supervisor. Topic: Observational signatures of planetary induced spirals.
Nov 22–Mar 23	Linling Shuai, Bachelors Student (Nice), Supervisor. Topic: Simulating dynamical star-disc encounters in the Taurus star forming region.

Teaching

2025-present	Phyical Cosmology Lecturer/Module Co-organiser, Third year undergraduate course.
2015-19	Part II Supervisor (3rd year undergraduate, University of Cambridge): General Relativity, Four hour long supervisions of approximately 3-4 groups of 2 or 3 students each year.
2017-18	Part II Supervisor: Astrophysical Fluid Dynamics.

Current Large Collaborations

Since 10/22	exoALMA, *ALMA large programme,* .
Since 11/20	Transition Discs, *DFG funded research unit: FOR 2634/1, 2634/2* .
Since 03/20	EWOCS, *Extended Westerlund 1 and 2 Open Clusters Survey.*
Since 03/20	XUE, *eXtreme UV Environments.*

Community

JWST	Selected as **Cycle 4 JWST discussion panelist** and for Cycle 2 and 3 JWST external panel.
ALMA	Cycle 12 External reviewer, Cycle 9, 12 distributed peer review.
Conference organisation	LOC for PLATO Theory group meeting QMUL (approx. 80 participants, 2025), exoALMA Nice workshop 2024 (approx. 20 participants), SOC for EAS conference 2024 Special Session (Planets in multiple systems), Session chair at PLATO conference 2021 (MIAPP, online).

Reviewing	Junior fellowship grant reviewer for Fondazione Cariplo (2025/2026) and Humboldt Foundation (2026). Review approximately 4 papers a year for MNRAS, A&A, AJ, ApJ and Nature Astronomy.
Meetings	QMUL AU weekly seminar organiser and host 2025/26, 'Discs meeting' organiser, Observatoire de la Côte d'Azur – monthly cross group meetings, 2023/24.

JWST Projects

Since 03/25	A pocket of last resistance: characterizing the evaporating globule near a massive O-star binary, *JWST Cycle 4, ID. #8185, PI. Bik.*
Since 02/24	The Crucible of Planet Formation - Protoplanetary Disks in the Extreme Environment of Trumpler 14, *JWST Cycle 3, ID. #5791, PI. Kuhn.*
Since 05/23	Evolution of protoplanetary disks and early stellar evolution in starburst: A NIRCam and MIRI observation of the young starburst cluster Westerlund 2, *JWST Cycle 2, ID. #3523, PI. Guarcello.*
Since 05/23	Direct detection of kinematically-detected protoplanet candidates , *JWST Cycle 2, ID. #3254, PI. Benisty.*
Since 03/20	Physics and Chemistry of Planet-Forming Disks in Extreme Radiation Environments, *JWST Cycle 1, ID. #1759, PI. Ramirez-Tannus.*
Since 03/20	Testing protoplanetary disk evolution and brown dwarf formation in star-burst: NIRCAM and MIRI observations of the young cluster Westerlund 1, *JWST Cycle 1, ID. #1905, PI. Guarcello.*

Skills & Experience

Coding	Python, C/C++, Fortran, SQL, HTML.
RT	RadMC3D.
Hydro.	GANDALF (smoothed particle hydrodynamics), PLUTO (grid).
N-body	NBODY6, Mercury, Rebound.
Obs./Data	Gaia, Kepler data products, spectral line fitting of protoplanetary disc models.

Outreach

Mar 2026	'Think Space Lecture – 'Unveiling our origins'.
Mar 2017/18	Cambridge Science Festival - Institute of Astronomy Discussed recent results in planet formation with the public .
Mar 2016	Cambridge Science Festival - Designed computer game for children learning concept of gravity – Gravity Hero.

Departmental Talks

Nov 2025	MPIA, Heidelberg – Königstuhl Colloquium.
Apr 2025	SHAO, Shanghai – ET Seminar Series.
Jan 2025	UCL, London – Star planet formation seminar.
Oct 2024	MPIA, Heidelberg – Star and planet formation seminar.
Dec 2023	ESO, Munich – Star and planet formation seminar.

Mar 2023 University of Vienna – Clusters Group Seminar.

Mar 2023 Bern University – Astronomy WP/CSH Colloquium.

Feb 2023 Lund University – SDE Seminar .

Dec 2022 Centre for Astronomy, Harvard – Planet Formation Seminar.

Nov 2022 Observatoire de la Côte d'Azur, Nice – TOP Seminar.

Jul 2022 Hertford University – Astronomy Colloquium.

Nov 2021 Tübingen University – Astronomy Seminar.

May 2021 University of Maryland – UMD Astronomy Colloquium.

May 2021 University of Exeter – Astrophysics Seminar.

Jan 2021 ARI, Heidelberg University – ARI Colloquium.

Nov 2020 University of Arizona – Origins Seminar.

Apr 2020 MPIA, Heidelberg – Könnigstuhl Colloquium.

Mar 2020 ESO, Garching – Star and planet formation seminar.

Dec 2019 University of Vienna – Monday colloquium.

Conferences

May 2026 **Invited review: 'Planet formation across various environments and epochs' – MIAPbP, Garching**.

Nov 2025 **Invited review: 'Disk evolution: Status and prospects for the ELT': EXO-ELT – ESO, Garching, Germany**.

Jun 2025 **Invited review: 'The role of late infall for protoplanetary disc evolution': EAS 2025 Meeting – Cork, Ireland**.

Jul 2024 **Invited highlights talk: 'From galactic to planetary scales: the role of external star formation environment for planet formation': IoA50 – Institute of Astronomy, Cambridge**.

Jul 2024 **Invited review: 'The role of external environment for planet formation': New Heights in Planet Formation – ESO, Germany**.

Oct 2023 **Invited review: 'The relevance of external photoevaporation': Core2Disk-II – Paris, France**.

Jul 2023 **Invited review: 'The physical processes driving the dissipation of protoplanetary disks': EAS 2023 Meeting – Kraków, Poland**.

Nov 2020 **Invited review: 'External photoevaporation in different environments': Threats from the Surroundings meeting – ESO, online**.

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Sep 2026 DISCO: Discs in context (contributed talk) – NRAO, Charlottesville, USA.

Jul 2026 Discs on the Exe (contributed talk) – University of Exeter, UK.

Jun 2026 Perspectives on star and planet formation (contributed talk) – MPIA, Heidelberg, Germany.

Jan 2026 PLATO Theory Meeting (contributed talk) – QMUL, London, UK.

Sep 2025 UK & Ireland Discs Meeting (contributed talk) – University of Hertford, UK.

Jun 2025	DYNAMIX (contributed talk) – IoA, Cambridge, UK.
Dec 2024	Heidelberg-Harvard Star Formation 2024 (contributed talk) – Heidelberg, Germany.
Dec 2024	The Role of Environment in Planet Formation workshop (contributed talk) – Paris, France.
May 2024	Irradiated discs workshop (contributed talk) – Royal Society, London.
Jan 2024	STELLARMADE ERC meeting (contributed talk) – Grenoble, France.
Dec 2023	External photoevaporation workshop – ESO, Germany.
Sep 2023	Two in a Million (binaries in clusters) (contributed talk) – ESO, Germany.
Jul 2023	ExoALMA workshop (contributed talk) – Observatoire de la Côte d'Azur, France.
Jun 2023	External photoevaporation workshop (invited review) – University of Milan, Italy.
Mar 2023	Exoplanet Systems and Stellar Life Cycles: Late-Stage and Post-MS Systems (contributed talk) – Aspen Center for Physics, US.
Jan 2023	STELLARMADE meeting (invited review) – Grenoble, France.
Dec 2022	ExoALMA workshop – Boston, US.
Nov 2022	Disks and Planets across ESO Facilities (contributed talk) – ESO, Garching, Germany.
Nov 2022	MIAPbP conference (contributed talk) – MPA, Garching, Germany.
Sep 2022	Planet and binary formation in gravitationally unstable protoplanetary discs in the high-resolution era – Leicester, online.
Jul 2021	Photoevaporation workshop (contributed talks) — Institute of Astronomy, Cambridge, UK.
Oct 2021	PLATO conference 2021 – MIAPP, online (session chair) .
Oct 2021	Gaps, Rings, Spirals, and Vortices – MIAPP, online .
Sep 2021	Planet-forming Disks: From Surveys to Answers – Leiden University, online (contributed talk).
Sep 2021	Spinning Fluids – Ringberg castle (short talk).
Dec 2020	Five years after HL Tau – ESO, online.
Nov 2020	Heidelberg/Harvard Star Formation Workship – online (contributed talk).
Jan 2020	Star Formation across the Universe – Hertford University, UK (workshop).
Dec 2019	South East Exoplanet Meeting – London, UK (contributed talk).
Aug 2019	Orion Uncovered – Leiden, Netherlands (contributed talk).
Jul 2019	Great Barriers in Planet Formation – Palm Cove, Australia (contributed talk).
Jun 2019	Zooming in on Star Formation – Nafplio, Greece (contributed talk).
Jul 2018	MODEST-18 – Santorini, Greece (poster presentation).

Publication List

Citations as listed on the NASA ADS.

FIRST AUTHOR PUBLICATIONS:

Sep 25 *exoALMA. XVIII. Interpreting Large-scale Kinematic Structures as Moderate Warping – Citations: 10*
A. J. Winter, M. Benisty, A. F. Izquierdo, *et al.* – ApJ **990**:L10.

Nov 24 *Spatially correlated stellar accretion in the Lupus star-forming region: Evidence for ongoing infall from the interstellar medium – Citations: 17*
A. J. Winter, M. Benisty, C. F. Manara, *et al.* – A&A **691**:A169.

Nov 24 *Running with the bulls: The frequency of star-disc encounters in the Taurus star-forming region – Citations: 9*
A. J. Winter, M. Benisty, L. Shuai, *et al.* – A&A **691**:A43.

Sep 24 *Planet Formation Regulated by Galactic-scale Interstellar Turbulence – Citations: 33*
A. J. Winter, M. Benisty, S. M. Andrews – ApJ **972**:L9.

May 23 *Accretion of substellar companions as the origin of chemical abundance inhomogeneities in globular clusters – Citations: 11*
A. J. Winter & C. J. Clarke – MNRAS **521**:1646-1673.

Oct 22 *The external photoevaporation of planet-forming discs – Citations: 118*
A. J. Winter & T. J. Haworth – EPJ+ **137**:1132.

Sep 22 *The growth and migration of massive planets under the influence of external photoevaporation – Citations: 37*
A. J. Winter, T. J. Haworth, G. A. L. Coleman, *et al.* – MNRAS **515**:4287-4301.

Sep 22 *Forming short period sub-stellar companions in 47 Tucanae - II. Analytical expressions for the orbital evolution of planets in dense environments – Citations: 4*
A. J. Winter, C. J. Clarke, G. Rosotti, *et al.* – MNRAS **515**:2837-2863.

Jan 22 *Forming short-period substellar companions in 47 Tucanae - I. Dynamical model and brown dwarf tidal capture rates – Citations: 3*
A. J. Winter, G. P. Rosotti, C. Clarke, *et al.* – MNRAS **509**:3924-3937.

Jul 21 *An upper limit for the growth of inner planets? – Citations: 5*
A. J. Winter & R. Alexander – MNRAS **505**:869-888.

Oct 20 *Stellar clustering shapes the architecture of planetary systems – Citations: 86*
A. J. Winter, J. M. D. Kruijssen, S. N. Longmore, *et al.* – Nature **586**:528-532.

Sep 20 *Testing viscous disc theory using the balance between stellar accretion and external photoevaporation of protoplanetary discs – Citations: 25*
A. J. Winter, M. Ansdell, T. J. Haworth, *et al.* – MNRAS **497**:L40-L45.

Jan 20 *Prevalent externally driven protoplanetary disc dispersal as a function of the galactic environment – Citations: 64*
A. J. Winter, J. M. D. Kruijssen, M. Chevance, *et al.* – MNRAS **491**:903-922.

Dec 19 *A solution to the proplyd lifetime problem – Citations: 57*
A. J. Winter, C. J. Clarke, G. P. Rosotti, *et al.* – MNRAS **490**:5478-5493.

May 19 *External photoevaporation of protoplanetary discs in Cygnus OB2: linking discs to star formation dynamical history – Citations: 25*
A. J. Winter, C. J. Clarke, G. P. Rosotti – MNRAS **485**:1489-1507.

Oct 18 *Evidence of a past disc-disc encounter: HV and DO Tau – Citations: 40*
A. J. Winter, R. A. Booth, C. J. Clarke – MNRAS **479**:5522-5531.

Aug 18 *Protoplanetary disc truncation mechanisms in stellar clusters: comparing external photoevaporation and tidal encounters – Citations: 175*
A. J. Winter, C. J. Clarke, G. Rosotti, *et al.* – MNRAS **478**:2700-2722.

Apr 18 *Protoplanetary disc response to distant tidal encounters in stellar clusters – Citations: 44*
A. J. Winter, C. J. Clarke, G. Rosotti, *et al.* – MNRAS **475**:2314-2325.

OTHER PUBLICATIONS:

Apr 26 *The Effect of External Photoevaporation on the Disk Fraction in M17 – Citations: 0*
S. Millstone, M. Reiter, ... **A. J. Winter** *et al.* – 2026arXiv260415506M.

Mar 26 *Planet-forming disks and their environment across regions and time from the full NIR census – Citations: 2*
A. Garufi, C. Ginski, ... **A. J. Winter** *et al.* – 10.48550/arXiv.2603.01703.

Mar 26 *exoALMA XXII: A Two-dimensional Atlas of Deviations from Keplerian Disks – Citations: 0*
M. Fukagawa, A. F. Izquierdo, ... **A. J. Winter** *et al.* – ApJ **1000**:L15.

Mar 26 *exoALMA. XXIII. Estimating Disk and Planet Properties from Dust Morphologies with DBNets 2.0 – Citations: 0*
A. Ruzza, G. Lodato, ... **A. J. Winter** *et al.* – ApJ **1000**:L16.

Mar 26 *exoALMA. XX. Tomographic Detection of Embedded Planets in Protoplanetary Disks – Citations: 0*
A. F. Izquierdo, J. Bae, ... **A. J. Winter** *et al.* – ApJ **1000**:L13.

Mar 26 *exoALMA. XXI. The Morphology and Dynamics of Vertical Flows – Citations: 0*
M. Benisty, A. F. Izquierdo, ... **A. J. Winter** *et al.* – ApJ **1000**:L14.

Mar 26 *The circumbinary disk of HD34700A: I. CO gas kinematics indicate spirals, infall, and vortex motions – Citations: 2*
J. Stadler, M. Benisty, ... **A. J. Winter** *et al.* – A&A **707**:A160.

Mar 26 *The Circumbinary Disc of HD 34700A II. Analysis of a strong dust asymmetry – Citations: 0*
D. Fasano, M. Benisty, ... **A. J. Winter** *et al.* – 10.48550/arXiv.2603.25541.

Feb 26 *exoALMA. XIX. Confirmation of Non-thermal Line Broadening in the DM Tau Protoplanetary Disk – Citations: 3*
C. Hardiman, C. Pinte, ... **A. J. Winter** *et al.* – ApJ **997**:L47.

Jan 26 *Astrometric view of companions in the inner dust cavities of protoplanetary discs – Citations: 8*
M. Vioque, R. A. Booth, ... **A. J. Winter** *et al.* – A&A **705**:A238.

Jan 26 *Inferring the physics of protoplanetary disc evolution from the irradiated Cygnus OB2 region: A comparison of viscous and MHD wind-driven scenarios – Citations: 3*
J. Weder, **A. J. Winter**, C. Mordasini – A&A **705**:A102.

Nov 25 *Spatial mixing of stellar populations in globular clusters via binarysingle star scattering – Citations: 3*
V. Pavlík, M. B. Davies, ... **A. J. Winter** *et al.* – A&A **703**:A157.

Sep 25 *XUE: The CO_2-rich terrestrial planet-forming region of an externally irradiated Herbig disk – Citations: 9*
J. Frediani, A. Bik, ... **A. J. Winter** *et al.* – A&A **701**:A14.

Sep 25 *Hot Jupiter formation in dense stellar clusters: a Monte Carlo model applied to 47 Tucanae – Citations: 1*
J. A. Wirth, C. J. Clarke, **A. J. Winter** – MNRAS **542**:1761-1775.

Aug 25 *SO Emission in the Dynamically Perturbed Protoplanetary Disks around CQ Tau and MWC 758 – Citations: 10*
F. Zagaria, H. Jiang, ... **A. J. Winter** *et al.* – ApJ **989**:30.

Aug 25 *On hot Jupiters and stellar clustering: the role of host star demographics – Citations: 2*
M. V. Kontiainen, C. J. Clarke, **A. J. Winter** – MNRAS **541**:3134-3145.

Jun 25 *Discplanet misalignment from an unstable triple system: IRAS04125 – Citations: 7*
R. Nealon, J. L. Smallwood, ... **A. J. Winter** *et al.* – MNRAS **540**:L84-L90.

May 25 *exoALMA. I. Science Goals, Project Design, and Data Products – Citations: 54*
R. Teague, M. Benisty, ... **A. J. Winter** *et al.* – ApJ **984**:L6.

May 25 *The past, present and future of observations of externally irradiated disks – Citations: 18*
M. Allen, R. Anania, ... **A. J. Winter** *et al.* – OJAp **8**:54.

May 25 *exoALMA. IV. Substructures, Asymmetries, and the Faint Outer Disk in Continuum Emission – Citations: 35*
P. Curone, S. Facchini, ... **A. J. Winter** *et al.* – ApJ **984**:L9.

May 25 *exoALMA. XII. Weighing and Sizing exoALMA Disks with Rotation Curve Modelling – Citations: 34*
C. Longarini, G. Lodato, ... **A. J. Winter** *et al.* – ApJ **984**:L17.

May 25 *exoALMA. III. Line-intensity Modeling and System Property Extraction from Protoplanetary Disks – Citations: 35*
A. F. Izquierdo, J. Stadler, ... **A. J. Winter** *et al.* – ApJ **984**:L8.

May 25 *exoALMA. V. Gaseous Emission Surfaces and Temperature Structures – Citations: 35*
M. Galloway-Sprietsma, J. Bae, ... **A. J. Winter** *et al.* – ApJ **984**:L10.

May 25 *exoALMA. X. Channel Maps Reveal Complex ^{12}CO Abundance Distributions and a Variety of Kinematic Structures with Evidence for Embedded Planets – Citations: 18*
C. Pinte, J. D. Ilee, ... **A. J. Winter** *et al.* – ApJ **984**:L15.

May 25 *exoALMA. XVII. Characterizing the Gas Dynamics around Dust Asymmetries – Citations: 16*
L. Wölfer, M. Barraza-Alfaro, ... **A. J. Winter** *et al.* – ApJ **984**:L22.

May 25 *exoALMA. XV. Interpreting the Height of CO Emission Layer – Citations: 16*
G. P. Rosotti, C. Longarini, ... **A. J. Winter** *et al.* – ApJ **984**:L20.

May 25 *XUE: Thermochemical Modeling Suggests a Compact and Gas-depleted Structure for a Distant, Irradiated Protoplanetary Disk – Citations: 7*
B. Portilla-Revelo, K. V. Getman, ... **A. J. Winter** *et al.* – ApJ **985**:72.

May 25 *exoALMA. VI. Rotating under Pressure: Rotation Curves, Azimuthal Velocity Substructures, and Gas Pressure Variations – Citations: 25*
J. Stadler, M. Benisty, **A. J. Winter**, *et al.* – ApJ **984**:L11.

May 25 *exoALMA. XVI. Predicting Signatures of Large-scale Turbulence in Protoplanetary Disks – Citations: 13*
M. Barraza-Alfaro, M. Flock, ... **A. J. Winter** *et al.* – ApJ **984**:L21.

May 25 *exoALMA. XIII. Gas Masses from N_2H^+ and $C^{18}O$: A Comparison of Measurement Techniques for Protoplanetary Gas Disk Masses – Citations: 20*
L. Trapman, C. Longarini, ... **A. J. Winter** *et al.* – ApJ **984**:L18.

May 25 *exoALMA. XI. ALMA Observations and Hydrodynamic Models of LkCa 15: Implications for Planetary Mass Companions in the Dust Continuum Cavity – Citations: 10*
C. H. Gardner, A. Isella, ... **A. J. Winter** *et al.* – ApJ **984**:L16.

May 25 *exoALMA. VII. Benchmarking Hydrodynamics and Radiative Transfer Codes – Citations: 9*
J. Bae, M. Flock, ... **A. J. Winter** *et al.* – ApJ **984**:L12.

May 25 *exoALMA. XIV. Gas Surface Densities in the RX J1604.32130 A Disk from Pressure-broadened CO Line Wings – Citations: 10*
T. C. Yoshida, P. Curone, ... **A. J. Winter** *et al.* – ApJ **984**:L19.

May 25 *exoALMA. VIII. Probabilistic Moment Maps and Data Products Using Nonparametric Linear Models – Citations: 10*
T. Hilder, A. R. Casey, ... **A. J. Winter** *et al.* – ApJ **984**:L13.

May 25 *exoALMA. IX. Regularized Maximum Likelihood Imaging of Non-Keplerian Features – Citations: 6*
B. Zawadzki, I. Czekala, ... **A. J. Winter** *et al.* – ApJ **984**:L14.

Mar 25 *A novel method for estimating the far-ultraviolet flux, and a catalogue for disc-hosting stars in nearby star-forming regions – Citations: 18*
R. Anania, **A. J. Winter**, G. Rosotti, *et al.* – A&A **695**:A74.

Jan 25 *EWOCS-III: JWST observations of the supermassive star cluster Westerlund 1 – Citations: 11*
M. G. Guarcello, V. Almendros-Abad, ... **A. J. Winter** *et al.* – A&A **693**:A120.

Dec 24 *A tell-tale tracer for externally irradiated protoplanetary disks: Comparing the [C I] 8727 Å line and ALMA observations in proplyds – Citations: 10*
M. Aru, K. Maucó, ... **A. J. Winter** *et al.* – A&A **692**:A137.

Jul 24 *Kaleidoscope of irradiated disks: MUSE observations of proplyds in the Orion Nebula Cluster. I. Sample presentation and ionization front sizes – Citations: 28*
M. Aru, K. Maucó, ... **A. J. Winter** *et al.* – A&A **687**:A93.

Jul 24 *Planet-driven spirals in protoplanetary discs: Limitations of the semi-analytical theory for observations – Citations: 4*
D. Fasano, **A. J. Winter**, M. Benisty, *et al.* – A&A **687**:A223.

Jun 24 *Rotation curves in protoplanetary disks with thermal stratification. Physical model and observational evidence in MAPS disks – Citations: 34*
P. Martire, C. Longarini, ... **A. J. Winter** *et al.* – A&A **686**:A9.

Feb 24 *EWOCS-I: The catalog of X-ray sources in Westerlund 1 from the Extended Westerlund 1 and 2 Open Clusters Survey – Citations: 5*
M. G. Guarcello, E. Flaccomio, ... **A. J. Winter** *et al.* – A&A **682**:A49.

Dec 23 *XUE: Molecular Inventory in the Inner Region of an Extremely Irradiated Protoplanetary Disk – Citations: 38*
M. C. Ramírez-Tannus, A. Bik, ... **A. J. Winter** *et al.* – ApJ **958**:L30.

Jun 23 *Roman CCS White Paper: Adding Fields Hosting Globular Clusters To The Galactic Bulge Time Domain Survey – Citations: 6*
S. K. Grunblatt, R. F. Wilson, **A. Winter**, *et al.* – 10.48550/arXiv.2306.10647.

May 22 *An APEX search for carbon emission from NGC 1977 proplyds – Citations: 11*
T. J. Haworth, J. S. Kim, ... **A. J. Winter** *et al.* – MNRAS **512**:2594-2603.

Dec 21 *The influence of the environment on the spin evolution of low-mass stars - I. External photoevaporation of circumstellar discs – Citations: 33*
J. Roquette, S. P. Matt, **A. J. Winter**, *et al.* – MNRAS **508**:3710-3729.

Aug 21 *A scaling relation for the molecular cloud lifetime in Milky Way-like galaxies – Citations: 28*
S. M. R. Jeffreson, B. W. Keller, **A. J. Winter**, *et al.* – MNRAS **505**:1678-1698.

Mar 21 *Proplyds in the flame nebula NGC 2024 – Citations: 40*
T. J. Haworth, J. S. Kim, **A. J. Winter**, *et al.* – MNRAS **501**:3502-3514.

Dec 20 *An ALMA Survey of λ Orionis Disks: From Supernovae to Planet Formation – Citations: 36*
M. Ansdell, T. J. Haworth, ... **A. J. Winter** *et al.* – AJ **160**:248.

Jan 20 *Flybys in protoplanetary discs - II. Observational signatures – Citations: 75*
N. Cuello, F. Louvet, ... **A. J. Winter** *et al.* – MNRAS **491**:504-514.

Nov 18 *The FRIED grid of mass-loss rates for externally irradiated protoplanetary discs – Citations: 119*
T. J. Haworth, C. J. Clarke, ... **A. J. Winter** *et al.* – MNRAS **481**:452-466.