

# PUBLICACIONES EN REVISTAS INTERNACIONALES CON ÁRBITRO

## (Publications in Refereed International Journals)

### 2025-PI

- 1.- **A broadband X-ray view of the ultraluminous sources in the galaxies ESO 501–023 and IC 5052**  
Cruz-Sanchez, N.; Fogantini, F. A.; Saavedra, E. A.; Abaroa, L.; García, F.; Combi, J. A.; Romero, G. E. [2025A&A...693A.122C](#)
- 2.- **A GTC spectroscopic study of three spider pulsar companions: line-based temperatures, a new face-on redback, and improved mass constraints**  
Simpson, Jordan A.; Linares, Manuel; Casares, Jorge; Shahbaz, Tariq; Sen, Bidisha; Camilo, Fernando [2025MNRAS.536.2169S](#)
- 3.- **A possible misaligned orbit for the young planet AU Mic c**  
Yu, H. *et al.* (incluye a Alonso, R.; Pallé, E.; Villaver, E.) [2025MNRAS.536.2046Y](#)
- 4.- **A sub-Earth-mass planet orbiting Barnard's star: No evidence of transits in TESS photometry**  
Stefanov, A. K. *et al.* (incluye a González Hernández, J. I.; Suárez Mascareño, A.; Nari, N.; Rebolo, R.; Allende Prieto, C.) [2025A&A...693L...3S](#)
- 5.- **ALESS-JWST: Joint (Sub)kiloparsec JWST and ALMA Imaging of  $z \sim 3$  Submillimeter Galaxies Reveals Heavily Obscured Bulge Formation Events**  
Hodge, J. A. *et al.* (incluye a Dannerbauer, H.) [2025ApJ...978..165H](#)
- 6.- **Assessing the accuracy of star formation rate measurements by direct star count in molecular clouds**  
Dib, Sami *et al.* (incluye a Comerón, Sébastien) [2025A&A...693A..51D](#)
- 7.- **Atacama Large Aperture Submillimeter Telescope (AtLAST) science: Probing the transient and time-variable sky**  
Orlowski-Scherer, John *et al.* (incluye a Hatziminaoglou, Evanthia) [2025ORE....4..132O](#)
- 8.- **Calibrating the Clock of JWST**  
Shaw, A. W. *et al.* (incluye a Dhillon, V. S.; Shahbaz, T.) [2025AJ....169...21S](#)
- 9.- **CARMENES input catalogue of M dwarfs: IX. Multiplicity from close spectroscopic binaries to ultra-wide systems**  
Cifuentes, C. *et al.* (incluye a Béjar, V. J. S.; Lodieu, N.) [2025A&A...693A.228C](#)
- 10.- **CHEOPS observations confirm nodal precession in the WASP-33 system**  
Smith, A. M. S. *et al.* (incluye a Alonso, R.; Pallé, E.; Villaver, E.) [2025A&A...693A.128S](#)
- 11.- **CHEX-MATE: Dynamical masses for a sample of 101 Planck Sunyaev-Zeldovich-selected galaxy clusters**  
Serenio, Mauro *et al.* (incluye a Barrena, Rafael; Streblyanska, Alina; Zarattini, Stefano) [2025A&A...693A...2S](#)
- 12.- **Comparing metallicity correlations in nearby non-AGN and AGN-host galaxies**  
Li, Song-Lin; Li, Zefeng; Wisnioski, Emily; Krumholz, Mark R.; Sánchez, Sebastián F. [2025MNRAS.536..430L](#)
- 13.- **Connection between planetary He I  $\lambda 10\,830$  Å absorption and extreme-ultraviolet emission of planet-host stars**  
Sanz-Forcada, J. *et al.* (incluye a Murgas, F.; Orell-Miquel, J.; Pallé, E.) [2025A&A...693A.285S](#)
- 14.- **Constraints on compact objects from the Dark Energy Survey 5-yr supernova sample**  
Shah, P. *et al.* (incluye a Carnero Rosell, A.) [2025MNRAS.536..946S](#)

- 15.- **Copacabana: a probabilistic membership assignment method for galaxy clusters**  
Esteves, J. H. *et al.* (incluye a Carnero Rosell, A.)[2025MNRAS.536..931E](#)
- 16.- **Cosmic-ray acceleration and escape from supernova remnant W44 as probed by Fermi-LAT and MAGIC**  
Abe, S. *et al.* (incluye a Acciari, V. A.; Becerra González, J.; Colombo, E.; García López, R. J.; Herrera, J.; López-Oramas, A.; Molero González, M.; Molina, E.; Nievas Rosillo, M.; Njoh Ekoume, T.; Vazquez Acosta, M.)[2025A&A...693A.255A](#)
- 17.- **DALI sensitivity to streaming axion dark matter**  
De Miguel, Javier; Kryemadhi, Abaz; Zioutas, Konstantin; DALI Collaboration[2025PhRvD.111b3016D](#)
- 18.- **Dark energy survey year 3 results: cosmology from galaxy clustering and galaxy-galaxy lensing in harmonic space**  
Faga, L. *et al.* (incluye a Carnero Rosell, A.)[2025MNRAS.536.1586F](#)
- 19.- **Dark energy survey year 3 results: likelihood-free, simulation-based wCDM inference with neural compression of weak-lensing map statistics**  
Jeffrey, N. *et al.* (incluye a Carnero Rosell, A.)[2025MNRAS.536.1303J](#)
- 20.- **Deep learning image burst stacking to reconstruct high-resolution ground-based solar observations**  
Schirninger, C.; Jarolim, R.; Veronig, A. M.; Kuckein, C.[2025A&A...693A...6S](#)
- 21.- **DESI 2024 IV: Baryon Acoustic Oscillations from the Lyman alpha forest**  
Adame, A. G. *et al.* (incluye a Carnero Rosell, A.; Sinigaglia, F.)[2025JCAP...01..124A](#)
- 22.- **Detection of a Magnetic Discontinuity in the Upper Solar Chromosphere Associated with a Coronal Loop Brightening Observed by CLASP2.1**  
Song, Donguk *et al.* (incluye a Trujillo Bueno, Javier; Alsina Ballester, Ernest; del Pino Alemán, Tanausú)[2025ApJ...978..140S](#)
- 23.- **Detection of Extended X-Ray Emission around the PeVatron Microquasar V4641 Sgr with XRISM**  
Suzuki, Hiromasa *et al.* (incluye a Muñoz-Darias, Teo; Armas Padilla, Montserrat)[2025ApJ...978L..20S](#)
- 24.- **Detection of stellar wakes in the Milky Way: A deep learning approach**  
Pöder, Sven; Pata, Joosep; Benito, María; Alonso Asensio, Isaac; Dalla Vecchia, Claudio[2025A&A...693A.227P](#)
- 25.- **Discovery of a Ly $\alpha$  blob photo-ionised by a super-cluster of massive stars associated with a  $z = 3.49$  galaxy**  
Zarattini, S.; Rodríguez-Espinosa, J. M.; Muñoz-Tuñón, C.; Mas-Hesse, J. M.; Arrabal Haro, P.[2025A&A...693A.133Z](#)
- 26.- **Dynamical confirmation of a black hole in the X-ray transient Swift J1727.8-1613**  
Mata Sánchez, D.; Torres, M. A. P.; Casares, J.; Muñoz-Darias, T.; Armas Padilla, M.; Yanes-Rizo, I. V.[2025A&A...693A.129M](#)
- 27.- **Euclid and KiDS-1000: Quantifying the impact of source-lens clustering on cosmic shear analyses**  
Linke, L. *et al.* (incluye a Rebolo, R.)[2025A&A...693A.210L](#)
- 28.- **Evaluating cosmological biases using photometric redshifts for Type Ia Supernova cosmology with the Dark Energy Survey Supernova Program**  
Chen, R. C. *et al.* (incluye a Carnero Rosell, A.)[2025MNRAS.536.1948C](#)
- 29.- **Evidence of the Amino Acids Tyrosine and Phenylalanine in the Interstellar Material of IC348 in Perseus**  
Iglesias-Groth, Susana; Marín Dobrincic, Martina; Pérez Garrido, Antonio; Gutierrez, Carlos[2025Life...15..181I](#)

- 30.- **Evolution of the Accretion Disk and Corona during the Outburst of the Neutron Star Transient MAXI J1807+132**  
Rout, Sandeep K.; **Muñoz-Darias, Teo**; Homan, Jeroen; **Armas Padilla, Montserrat**; Russell, David M.; Alabarta, Kevin; Saikia, Payaswini [2025ApJ...978...12R](#)
- 31.- **Evolution of the star formation rate surface density main sequence: Insights from a semi-analytic simulation since  $z = 12$**   
**Nadolny, Jakub**; Michałowski, Michał J.; Parente, Massimiliano; Solar, Martín; Nowaczyk, Przemysław; Ryzhov, Oleh; Leśniewska, Aleksandra [2025A&A...693L...6N](#)
- 32.- **Exploring spectropolarimetric inversions using neural fields: Solar chromospheric magnetic field under the weak-field approximation**  
Díaz Baso, C. J.; **Asensio Ramos, A.**; de la Cruz Rodríguez, J.; da Silva Santos, J. M.; Rouppe van der Voort, L. [2025A&A...693A.170D](#)
- 33.- **Extragalactic globular cluster near-infrared spectroscopy: II. The stellar population synthesis model zero-point problem extends to the near-infrared**  
**Eftekhari, E.**; **Vazdekis, A.**; **Riffel, R.**; Dahmer-Hahn, L. G.; Chies-Santos, A. L.; **Beasley, M. A.**; Villaume, A.; Zanatta, E. [2025A&A...693A.238E](#)
- 34.- **Fiducial-cosmology-dependent systematics for the DESI 2024 BAO analysis**  
Pérez-Fernández, A. et al. (incluye a **Carnero Rosell, A.**) [2025JCAP...01..144P](#)
- 35.- **HD 119130 b Is Not an "Ultradense" Sub-Neptune**  
Akana Murphy, Joseph M. et al. (incluye a **Carleo, Ilaria**; **Palle, Enric**; **Lacedelli, Gaia**; **Murgas, Felipe**; **Nowak, Grzegorz**; **Orell-Miquel, J.**) [2025AJ....169...26A](#)
- 36.- **HD 119130 b Is Not an "Ultradense" Sub-Neptune**  
Akana Murphy, Joseph M. et al. (incluye a **Carleo, Ilaria**; **Palle, Enric**; **Lacedelli, Gaia**; **Murgas, Felipe**; **Nowak, Grzegorz**; **Orell-Miquel, J.**) [2025AJ....169...26M](#)
- 37.- **High-resolution observational analysis of flare ribbon fine structures**  
Thoen Faber, Jonas; Joshi, Reetika; van der Voort, Luc Rouppe; Wedemeyer, Sven; Fletcher, Lyndsay; Aulanier, Guillaume; **Nóbrega-Siverio, Daniel** [2025A&A...693A...8T](#)
- 38.- **Hyperons during proto-neutron star deleptonization and the emission of dark flavoured particles**  
Fischer, Tobias; **Martin Camalich, Jorge**; Kochankovski, Hristijan; Tolos, Laura [2025JCAP...01..061F](#)
- 39.- **Implications of the Intriguing Constant Inner Mass Surface Density Observed in Dark Matter Halos**  
**Sánchez Almeida, Jorge** [2025Galax..13....6S](#)
- 40.- **Magnetic topology of quiet-Sun Ellerman bombs and associated ultraviolet brightenings**  
Bhatnagar, Aditi; Prasad, Avijeet; Rouppe van der Voort, Luc; **Nóbrega-Siverio, Daniel**; Joshi, Jayant [2025A&A...693A.221B](#)
- 41.- **Milky Way Dark Matter Distribution or MOND Test from Vertical Stellar Kinematics with Gaia DR3**  
**López-Corredoira, Martín** [2025ApJ...978...45L](#)
- 42.- **Molecular gas stratification and disturbed kinematics in the Seyfert galaxy MCG-05-23-16 revealed by JWST and ALMA**  
**Esparza-Arredondo, D.** et al. (incluye a **Ramos Almeida, C.**; **Audibert, A.**; **García-Lorenzo, B.**) [2025A&A...693A.174E](#)
- 43.- **Multi-wavelength picture of the misaligned BL Lac object 3C 371**  
Otero-Santos, J. et al. (incluye a **Acosta-Pulido, J. A.**) [2025A&A...693A.196O](#)
- 44.- **Multiband Optical Variability of the Blazar 3C 454.3 on Diverse Timescales**  
Dogra, Karan et al. (incluye a **Acosta-Pulido, J. A.**) [2025ApJS..276....1D](#)

- 45.- **Near-ultraviolet absorption distribution of primitive asteroids from photometric surveys: II. Collisional families**  
Tatsumi, Eri; Vilas, Faith; **de León, Julia**; Popescu, Marcel; Hasegawa, Sunao; De Prá, Mario; **Tinaut-Ruano, Fernando**; Licandro, Javier [2025A&A...693A.140T](#)
- 46.- **New constraints on the central mass contents of Omega Centauri from combined stellar kinematics and pulsar timing**  
**Bañares-Hernández, Andrés**; Calore, Francesca; **Martin Camalich, Jorge**; Read, Justin I. [2025A&A...693A.104B](#)
- 47.- **Observations of umbral flashes in the resonant sunspot chromosphere**  
Felipe, T.; **González Manrique, S. J.**; **Martínez-Gómez, D.**; **Gómez-Míguez, M. M.**; Khomenko, E.; **Quintero Noda, C.**; **Socas-Navarro, H.** [2025A&A...693A.165F](#)
- 48.- **Orbit determination of visual binary systems observed with CST telescope in 2010–2013**  
Rica, Francisco; **Barrena, Rafael**; **Henríquez, Juan Antonio**; **Vázquez, Gabriel**; **Vázquez, Carlos**; **Hernández, David**; **del Rosario, Jorge Luis** [2025PASA...42...25R](#)
- 49.- **Production of alternate realizations of DESI fiber assignment for unbiased clustering measurement in data and simulations**  
Lasker, J. *et al.* (incluye a **Carnero Rosell, A.**) [2025JCAP...01..127L](#)
- 50.- **Radii, masses, and transit-timing variations of the three-planet system orbiting the naked-eye star TOI-396**  
Bonfanti, A. *et al.* (incluye a **Murgas, F.**; **Pallé, E.**) [2025A&A...693A..90B](#)
- 51.- **Requirements on the gain calibration for LiteBIRD polarisation data with blind component separation**  
Carralot, F. *et al.* (incluye a **Adak, D.**; **Génova-Santos, R. T.**; **Rubiño-Martín, J. A.**) [2025JCAP...01..019C](#)
- 52.- **REsolved ALMA and SMA Observations of Nearby Stars (REASONS): A population of 74 resolved planetesimal belts at millimetre wavelengths**  
Matrà, L. *et al.* (incluye a **del Burgo, C.**) [2025A&A...693A.151M](#)
- 53.- **Revisiting the multi-planetary system of the nearby star HD 20794: Confirmation of a low-mass planet in the habitable zone of a nearby G-dwarf**  
**Nari, N.** *et al.* (incluye a **Suárez Mascareño, A.**; **González Hernández, J. I.**; **Stefanov, A. K.**; **Passegger, V. M.**; **Rebolo, R.**; **Allende Prieto, C.**; **Génova-Santos, R.**; **Palle, E.**) [2025A&A...693A.297N](#)
- 54.- **Strong spectral features from asymptotic giant branch stars in distant quiescent galaxies**  
Lu, Shiyang *et al.* (incluye a **D'Eugenio, Chiara**; **Huertas-Company, Marc**) [2025NatAs...9..128L](#)
- 55.- **The construction of large-scale structure catalogs for the Dark Energy Spectroscopic Instrument**  
Ross, A. J. *et al.* (incluye a **Carnero Rosell, A.**) [2025JCAP...01..125R](#)
- 56.- **The Galaxy Activity, Torus, and Outflow Survey (GATOS): VI. Black hole mass estimation using machine learning**  
Poitevineau, R. *et al.* (incluye a **Ramos Almeida, C.**; **Audibert, A.**; **García-Lorenzo, B.**) [2025A&A...693A.311P](#)
- 57.- **The GAPS programme at TNG: LXIV. An inner eccentric sub-Neptune and an outer sub-Neptune-mass candidate around BD+00 444 (TOI-2443)**  
Naponiello, L. *et al.* (incluye a **Lorenzi, V.**) [2025A&A...693A...7N](#)
- 58.- **The IACOB project: XIII. Helium enrichment in O-type stars as a tracer of past binary interaction**  
**Martínez-Sebastián, C.**; **Simón-Díaz, S.**; **Jin, H.**; **Keszthelyi, Z.**; **Holgado, G.**; **Langer, N.**; **Puls, J.** [2025A&A...693L..10M](#)

- 59.- **The Impact of the Angle-average Approximation in the Partial Frequency Redistribution Modeling of the Mg II h–k Doublet Stokes Profiles**  
del Pino Alemán, Tanausú; **Alsina Ballester, Ernest**; Trujillo Bueno, Javier; Janett, Gioele; Riva, Fabio; Belluzzi, Luca [2025ApJ...978...27D](#)
- 60.- **The Intrinsic Flattening of Galaxy Disks**  
Favaro, Jeremy; Courteau, Stéphane; **Comerón, Sébastien**; Stone, Connor [2025ApJ...978...63F](#)
- 61.- **The multiple classes of ultra-diffuse galaxies: can we tell them apart?**  
Buzzo, Maria Luisa *et al.* (incluye a **Ferré-Mateu, Anna**) [2025MNRAS.536.2536B](#)
- 62.- **The PAU survey: Enhancing photometric redshift estimation using DEEPz**  
Daza-Perilla, I. V. *et al.* (incluye a **Siudek, M.**) [2025A&A...693A.102D](#)
- 63.- **The puzzle of isolated and quenched dwarf galaxies in cosmic voids**  
Bidaran, Bahar *et al.* (incluye a **Ferré-Mateu, Anna**; **Falcón-Barroso, Jesús**) [2025A&A...693L..16B](#)
- 64.- **The SDSS-V Local Volume Mapper: Data Analysis Pipeline**  
Sánchez, Sebastián F. *et al.* [2025AJ...169...52S](#)
- 65.- **TOI-2458 b: A mini-Neptune consistent with in situ hot Jupiter formation**  
Šubjak, Ján *et al.* (incluye a **Deeg, Hans J.**; **Mathur, Savita**; **Narita, Norio**; **Orell-Miquel, Jaume**; **Pallé, Enric**) [2025A&A...693A.235S](#)
- 66.- **Tracing the evolutionary pathways of dust and cold gas in high-z quiescent galaxies with SIMBA**  
Lorenzon, G. *et al.* (incluye a **Junais**) [2025A&A...693A.118L](#)
- 67.- **Unified multiwavelength data analysis workflow with gammapy: Constraining the broadband emission of the flat-spectrum radio quasar OP 313**  
**Nievas Rosillo, M.**; Acero, F.; Otero-Santos, J.; **Vazquez Acosta, M.**; Terrier, R.; Morcuende, D.; Arbet-Engels, A. [2025A&A...693A.287N](#)
- 68.- **Unveiling dust, molecular gas, and high star-formation efficiency in extremely UV bright star-forming galaxies at  $z \sim 2.1\text{--}3.6$**   
Dessauges-Zavadsky, M.; Marques-Chaves, R.; Schaerer, D.; Xiao, M. -Y.; Colina, L.; Alvarez-Marquez, J.; **Pérez-Fournon, I.** [2025A&A...693A..17D](#)
- 69.- **Why do some ultra diffuse Galaxies have rich globular cluster systems?**  
Forbes, Duncan A.; Buzzo, Maria Luisa; **Ferre-Mateu, Anna**; Romanowsky, Aaron J.; Gannon, Jonah; Brodie, Jean P.; Collins, Michelle L. M. [2025MNRAS.536.1217F](#)
- 70.- **X-Ray and Optical Polarization Aligned with the Radio Jet Ejecta in GX 339–4**  
Mastroserio, G. *et al.* (incluye a **Ambrifi, A.**) [2025ApJ...978L..19M](#)
- 71.- **A JWST/DiSCo-TNOs portrait of the primordial Solar System through its trans-Neptunian objects**  
Pinilla-Alonso, Noemí *et al.* (incluye a **Lorenzi, Vania**; **Licandro, Javier**) [2025NatAs...9..230P](#)
- 72.- **A Link Between White Dwarf Pulsars and Polars: Multiwavelength Observations of the 9.36-minute Period Variable Gaia22ayj**  
Rodríguez, Antonio C. *et al.* (incluye a **Rodríguez-Gil, Pablo**) [2025PASP..137b4202R](#)
- 73.- **A Nonstop Aurora? The Intriguing Radio Emission from the Rapidly Rotating Magnetic Massive Star HR 5907**  
Biswas, Ayan; Das, Barnali; Barron, James A.; Wade, Gregg A.; **Holgado, Gonzalo** [2025ApJ...980..260B](#)

- 74.- **A reference framework for extremely metal-poor OB star studies: calibrations for stellar parameters and intrinsic colours**  
Lorenzo, M.; García, M.; Castro, N.; Najarro, F.; Cerviño, M.; Herrero, A.; Simón-Díaz, S.[2025MNRAS.537.1197L](#)
- 75.- **Advanced Phase Diversity Method for telescope static aberration compensation**  
Rodríguez-Linares, Nicolás; González-Cava, José M.; Montoya, Luzma; Méndez, Juan Albino; Martín, Yolanda; Núñez-Cagigal, Miguel[2025Meas..24115761R](#)
- 76.- **Antiprotons and Elementary Particles over a Solar Cycle: Results from the Alpha Magnetic Spectrometer**  
Aguilar, M. *et al.* (incluye a García-López, R. J.; Molero, M.; Vázquez Acosta, M.)[2025PhRvL.134e1002A](#)
- 77.- **APOKASC-3: The Third Joint Spectroscopic and Asteroseismic Catalog for Evolved Stars in the Kepler Fields**  
Pinsonneault, Marc H. *et al.* (incluye a Mathur, Savita; Liagre, Bastien; Beck, Paul G.; Godoy-Rivera, Diego)[2025ApJS..276...69P](#)
- 78.- **Basaltic quasi-mini-moon: Characterizing 2024 PT<sub>5</sub> with the 10.4 m Gran Telescopio Canarias and the Two-meter Twin Telescope**  
de la Fuente Marcos, R. *et al.* (incluye a de León, J.; Serra-Ricart, M.; Alarcon, M. R.; Licandro, J.; Geier, S.; Tejero, A.; Perez Romero, A.; Perez-Toledo, F.; Cabrera-Lavers, A.)[2025A&A...694L...5D](#)
- 79.- **Characterization of Markarian 421 during its most violent year: Multiwavelength variability and correlations**  
Abe, K. *et al.* (incluye a Becerra González, J.; García López, R. J.; Herrera Llorente, J.; López-Oramas, A.; Molero González, M.; Molina, E.)[2025A&A...694A.195A](#)
- 80.- **Characterization of seven transiting systems, including four warm Jupiters from SOPHIE and TESS**  
Heidari, N. *et al.* (incluye a Barkaoui, K.; Fukui, A.; Murgas, F.; Narita, N.; Palle, E.)[2025A&A...694A..36H](#)
- 81.- **Constraining the shape of dark matter haloes using only starlight: I. A new technique and its application to the galaxy Nube**  
Sánchez Almeida, Jorge; Trujillo, Ignacio; Montes, Mireia; Plastino, Angel R.[2025A&A...694A.283S](#)
- 82.- **Constraints on f(R) gravity from thermal-Sunyaev-Zel'dovich-effect-selected SPT galaxy clusters and weak lensing mass calibration from DES and HST**  
Vogt, S. M. L. *et al.* (incluye a Carnero Rosell, A.)[2025PhRvD.111d3519V](#)
- 83.- **Deep view of the intracluster light in the Coma cluster of galaxies**  
Jiménez-Teja, Yolanda; Román, Javier; HyeonHan, Kim; Vílchez, Jose M.; Dupke, Renato A.; Lopes, Paulo Afrânio Augusto; Rich, Robert Michael; Caceres, Osmin; Li, Chester[2025A&A...694A.216J](#)
- 84.- **DESI 2024 VI: cosmological constraints from the measurements of baryon acoustic oscillations**  
Adame, A. G. *et al.* (incluye a Carnero Rosell, A.)[2025JCAP...02..021A](#)
- 85.- **Detection of binary companions below the diffraction limit with lucky imaging**  
Cagigas, M. A. *et al.* (incluye a Clavero, R.; Nespral, D.; Jones, D.; Soria, E.; López, R.; Zamora, O.; Oscoz, Á.; Marco, J.)[2025A&A...694A..48C](#)
- 86.- **Discovery and Characterization of an Eccentric, Warm Saturn Transiting the Solar Analog TOI-4994**  
Rodríguez Martínez, Romy *et al.* (incluye a Barkaoui, Khalid)[2025AJ....169...72R](#)
- 87.- **Environmental effects on nearby debris discs**  
Heras, A. M.; Eiroa, C.; del Burgo, C.; Marshall, J. P.; Montesinos, B.[2025A&A...694A.325H](#)



- 88.- **Eruptive mass loss less than a year before the explosion of superluminous supernovae: I. The cases of SN 2020xga and SN 2022xgc**  
Gkini, A. *et al.* (incluye a Poidevin, F.; Geier, S.; Pérez-Fournon, I.)[2025A&A...694A.292G](#)
- 89.- **Euclid preparation: LX. The use of HST images as input for weak-lensing image simulations**  
Euclid Collaboration *et al.* (incluye a Colodro-Conde, C.; Rebolo, R.)[2025A&A...694A.262E](#)
- 90.- **Euclid: A complete Einstein ring in NGC 6505**  
O'Riordan, C. M. *et al.* (incluye a Colodro-Conde, C.; Rebolo, R.; Dannerbauer, H.)[2025A&A...694A.145O](#)
- 91.- **Euclid: Detecting Solar System objects in Euclid images and classifying them using Kohonen self-organising maps**  
Nucita, A. A. *et al.* (incluye a Rebolo, R.)[2025A&A...694A.116N](#)
- 92.- **Euclid: Relativistic effects in the dipole of the two-point correlation function**  
Lepori, F. *et al.* (incluye a Colodro-Conde, C.)[2025A&A...694A.321L](#)
- 93.- **GD-1 Stellar Stream and Cocoon in the DESI Early Data Release**  
Valluri, M. *et al.* (incluye a Allende Prieto, C.; Thomas, G.)[2025ApJ...980...71V](#)
- 94.- **Ground-based Characterization of (98943) Torifune 2001 CC<sub>21</sub>, the Target of the Hayabusa2# Space Mission**  
Popescu, Marcel M. *et al.* (incluye a Licandro, Javier; Alarcon, Miguel R.; Serra-Ricart, Miquel; de León, Julia; Fernandez Martin, Joaquín)[2025PSJ.....6...42P](#)
- 95.- **Intervening nuclear obscuration changing the X-ray look of the  $z \approx 6$  quasi-stellar object CFHQ5 J164121+375520**  
Vito, F. *et al.* (incluye a Boschin, W.)[2025A&A...694L..16V](#)
- 96.- **Irradiation origin and stability of CO on trans-Neptunian objects: Laboratory constraints and observational evidence from JWST/DiSCo-TNOs**  
Hénault, E. *et al.* (incluye a Licandro, J.; Lorenzi, V.)[2025A&A...694A.126H](#)
- 97.- **LensWatch. II. Improved Photometry and Time-delay Constraints on the Strongly Lensed Type Ia Supernova 2022qmx ("SN Zwicky") with Hubble Space Telescope Template Observations**  
Larison, C. *et al.* (incluye a Pérez-Fournon, I.; Poidevin, F.)[2025ApJ...980..172L](#)
- 98.- **Looking into the faintEst With MUSE (LEWIS): Exploring the nature of ultra-diffuse galaxies in the Hydra-I cluster: II. Stellar kinematics and dynamical masses**  
Buttitta, Chiara *et al.* (incluye a Falcón-Barroso, Jesus)[2025A&A...694A.276B](#)
- 99.- **Mapping dusty galaxy growth at  $z > 5$  with FRESCO: detection of H $\alpha$  in submm galaxy HDF850.1 and the surrounding overdense structures**  
Herard-Demanche, Thomas *et al.* (incluye a Dannerbauer, Helmut)[2025MNRAS.537..788H](#)
- 100.- **Measuring the Intracluster Light Fraction with Machine Learning**  
Canepa, Louisa; Brough, Sarah; Lanusse, Francois; Montes, Mireia; Hatch, Nina[2025ApJ...980..245C](#)
- 101.- **MOA-2022-BLG-033Lb, KMT-2023-BLG-0119Lb, and KMT-2023-BLG-1896Lb: Three low mass-ratio microlensing planets detected through dip signals**  
Han, Cheongho *et al.* (incluye a Fukui, Akihiko)[2025A&A...694A..90H](#)
- 102.- **NGDEEP: The Star Formation and Ionization Properties of Galaxies at  $1.7 < z < 3.4$**   
Shen, Lu *et al.* (incluye a Huertas-Company, Marc)[2025ApJ...980L..45S](#)
- 103.- **OrCAS: Origins, Compositions, and Atmospheres of Sub-Neptunes. I. Survey Definition**  
Crossfield, Ian J. M. *et al.* (incluye a Barkaoui, Khalid; Murgas, Felipe; Palle, Enric; Narita, Norio; Fukui, Akihiko)[2025AJ....169...89C](#)

- 104.- **Planetary nebulae of the Large Magellanic Cloud: II. The connection with the progenitors' properties**  
Ventura, P.; Tosi, S.; **García-Hernández, D. A.**; Dell'Agli, F.; Kamath, D.; Stanghellini, L.; Bianchi, S.; Tailo, M.; Gómez-Muñoz, M. A. [2025A&A...694A.177V](#)
- 105.- **Planets Around Solar Twins/Analog (PASTA). I. High-precision Stellar Chemical Abundances for 17 Planet-hosting Stars and the Condensation Temperature Trend**  
Sun, Qinghui *et al.* (incluye a Barkaoui, Khalid) [2025ApJ...980..179S](#)
- 106.- **Rapid mid-infrared spectral timing with JWST: GRS 1915+105 during an MIR-bright and X-ray-obscured state**  
Gandhi, P. *et al.* (incluye a Dhillon, V. S.; Shahbaz, T.) [2025MNRAS.537.1385G](#)
- 107.- **Revisiting the fundamental parameters for the black hole X-ray transient Swift J1753.5–0127**  
Yanes-Rizo, I. V.; Torres, M. A. P.; Casares, J.; Jonker, P. G.; Sánchez-Sierras, J.; Muñoz-Darias, T.; Armas Padilla, M. [2025A&A...694A.119Y](#)
- 108.- **Segue 2 Recently Collided with the Cetus-Palca Stream: New Opportunities to Constrain Dark Matter in an Ultra-faint Dwarf**  
Foote, Hayden R.; Besla, Gurtina; Garavito-Camargo, Nicolás; Patel, Ekta; **Thomas, Guillaume F.**; Bonaca, Ana; Price-Whelan, Adrian M.; Peter, Annika H. G.; Zaritsky, Dennis; Conroy, Charlie [2025ApJ...979..171F](#)
- 109.- **Signs of 'Everything Everywhere All at Once' formation in low-surface-brightness globular-cluster-rich dwarf galaxies**  
**Ferré-Mateu, A.**; Gannon, J.; Forbes, D. A.; Romanowsky, A. J.; Buzzo, M. L.; Brodie, J. P. [2025A&A...694L...6F](#)
- 110.- **SN 2023tsz: a helium-interaction-driven supernova in a very low-mass galaxy**  
Warwick, B. *et al.* (incluye a Dhillon, V. S.; Pallé, E.) [2025MNRAS.536.3588W](#)
- 111.- **Solar Modulation of Cosmic Nuclei over a Solar Cycle: Results from the Alpha Magnetic Spectrometer**  
Aguilar, M. *et al.* (incluye a García-López, R. J.; Molero, M.; Vázquez Acosta, M.) [2025PhRvL.134e1001A](#)
- 112.- **Spider-Webb: JWST Near Infrared Camera resolved galaxy star formation and nuclear activities in the Spiderweb protocluster at  $z = 2.16$**   
Shimakawa, Rhythm *et al.* (incluye a Dannerbauer, Helmut; Pérez-Martínez, J. M.; D'Eugenio, Chiara; Zhang, Yuheng) [2025MNRAS.537L..36S](#)
- 113.- **State-dependent signatures of jets and winds in the optical and infrared spectrum of the black hole transient GX 339–4**  
**Ambrifi, A.** *et al.* (incluye a Mata Sánchez, D.; Muñoz-Darias, T.; Sánchez-Sierras, J.; Armas Padilla, M.; Casares, J.; Torres, M. A. P.) [2025A&A...694A.109A](#)
- 114.- **Testing disc reprocessing models for AGN optical variability by comparison of X-ray and optical power spectra of NGC 4395**  
Beard, M. W. J. *et al.* (incluye a Vincentelli, F.; Dhillon, V. S.; Knapen, J. H.) [2025MNRAS.537..293B](#)
- 115.- **The ALPINE-ALMA [CII] Survey: Unveiling the baryon evolution in the interstellar medium of  $z \sim 5$  star-forming galaxies**  
Sawant, P. *et al.* (incluye a Junais) [2025A&A...694A..82S](#)
- 116.- **The baryonic mass estimates of the Milky Way halo in the form of high-velocity clouds**  
Tahir, Noraiz; **López-Corredoira, Martín**; De Paolis, Francesco [2025NewA..11502328T](#)
- 117.- **The conceptual design of the 50-meter Atacama Large Aperture Submillimeter Telescope (AtLAST)**  
Mroczkowski, Tony *et al.* (incluye a Hatziminaoglou, Evanthia) [2025A&A...694A.142M](#)



- 118.- The Coronal Power Spectrum from MHD Mode Conversion above Sunspots**  
Miriya, Hemanthi; Morton, Richard J.; Khomenko, Elena; Antolin, Patrick; Botha, Gert J. [J.2025ApJ...979..236M](#)
- 119.- The coupled tearing-thermal instability in coronal current sheets from the linear to the non-linear stage**  
De Jonghe, Jordi; Sen, Samrat [2025MNRAS.536.3308D](#)
- 120.- The Dark Energy Survey Supernova Program: an updated measurement of the Hubble constant using the inverse distance ladder**  
Camilleri, R. *et al.* (incluye a Carnero Rosell, A.) [2025MNRAS.537.1818C](#)
- 121.- The elderly among the oldest: new evidence for extremely metal-poor RR Lyrae stars**  
D'Orazi, V. *et al.* (incluye a Sánchez-Benavente, M.; Monelli, M.) [2025A&A...694A.158D](#)
- 122.- The Fate of the Interstellar Medium in Early-type Galaxies. V. Active Galactic Nucleus Feedback from Optical Spectral Classification**  
Ryzhov, Oleh; Michałowski, Michał J.; Nadolny, J.; Hjorth, J.; Leśniewska, A.; Solar, M.; Nowaczyk, P.; Gall, C.; Takeuchi, T. T. [2025ApJS..276...55R](#)
- 123.- The Galaxy Activity, Torus, and Outflow Survey (GATOS). VII. The 20–214  $\mu\text{m}$  Imaging Atlas of Active Galactic Nuclei Using SOFIA**  
Fuller, Lindsay *et al.* (incluye a Ramos Almeida, Cristina) [2025ApJS..276...64F](#)
- 124.- The kinematics of massive high-redshift dusty star-forming galaxies**  
Amvrosiadis, A. *et al.* (incluye a Dannerbauer, H.) [2025MNRAS.536.3757A](#)
- 125.- The Microlensing Event Rate and Optical Depth from MOA-II 9 Yr Survey Toward the Galactic Bulge**  
Nunota, Kansuke *et al.* (incluye a Fukui, Akihiko) [2025ApJ...979..123N](#)
- 126.- The wide binary frequency of metal-poor stars**  
Lodieu, N.; Pérez Garrido, A.; Zhang, J. -Y.; Martín, E. L.; Rebolo López, R.; Pérez-Toledo, F.; Clavero, R.; Nespral, D. [2025A&A...694A.129L](#)
- 127.- Thermal evolution of trans-Neptunian objects through observations of Centaurs with JWST**  
Licandro, Javier *et al.* [2025NatAs...9..245L](#)
- 128.- Time-dependent modelling of short-term variability in the TeV-blazar VER J0521+211 during the major flare in 2020**  
MAGIC Collaboration *et al.* (incluye a Becerra González, J.; García López, R. J.; Herrera Llorente, J.; López-Oramas, A.; Molero González, M.; Molina, E.; Nievas Rosillo, M.; Vazquez Acosta, M.) [2025A&A...694A.308M](#)
- 129.- Titanium chemistry of WASP-121 b with ESPRESSO in 4-UT mode**  
Prinoth, B. *et al.* (incluye a Suárez Mascareño, A.) [2025A&A...694A.284P](#)
- 130.- TOI-5108 b and TOI 5786 b: Two transiting sub-Saturns detected and characterized with TESS, MaHPS, and SOPHIE**  
Thomas, Luis *et al.* (incluye a Murgas, Felipe; Parviainen, Hannu; Esparza-Borges, Emma; Fukui, Akihiko; Narita, Norio; Palle, Enric) [2025A&A...694A.143T](#)
- 131.- Transit-timing variations in the AU Mic system observed with CHEOPS**  
Boldog, Á. *et al.* (incluye a Alonso, R.; Pallé, E.; Villaver, E.) [2025A&A...694A.137B](#)
- 132.- Two almost planetary mass survivors of common envelope evolution**  
Parsons, S. G. *et al.* (incluye a Dhillon, V. S.) [2025MNRAS.537.2112P](#)
- 133.- Widespread CO<sub>2</sub> and CO ices in the trans-Neptunian population revealed by JWST/DiSCo-TNOs**  
De Prá, Mário N. *et al.* (incluye a Licandro, Javier; Lorenzi, Vania) [2025NatAs...9..252D](#)

- 134.- **ZF-UDS-7329: A relic galaxy in the early Universe**  
Hartmann, Eduardo A.; Martín-Navarro, Ignacio; Huertas-Company, Marc; Benedetti, João P. V.; Iglesias-Navarro, Patricia; Vazdekis, Alexandre; Montes, Mireia [2025A&A...694L...7H](#)
- 135.- **A 1.8 m Class Pathfinder Raman LIDAR for the Northern Site of the Cherenkov Telescope Array Observatory—Technical Design**  
Ballester, Otger *et al.* (incluye a López-Oramas, Alicia) [2025RemS...17.1074B](#)
- 136.- **A closer look at LTT 9779b: The ESPRESSO endeavour to pierce the atmospheric veil**  
Ramírez Reyes, R. *et al.* (incluye a Pavlenko, Y.; Palle, E.) [2025A&A...695A..26R](#)
- 137.- **A joint effort to discover and characterize two resonant mini-Neptunes around TOI-1803 with TESS, HARPS-N, and CHEOPS**  
Zingales, T. *et al.* (incluye a Lacedelli, G.; Carleo, I.; Alonso, R.; Barkaoui, K.; Fukui, A.; Narita, N.; Pallé, E.; Villaver, E.) [2025A&A...695A.273Z](#)
- 138.- **A new class of dark matter-free dwarf galaxies?: I. Clues from FCC 224, NGC 1052-DF2, and NGC 1052-DF4**  
Buzzo, Maria Luisa *et al.* (incluye a Ferré-Mateu, Anna) [2025A&A...695A.124B](#)
- 139.- **A swarm of dusty objects in orbit around the central star of planetary nebula WeSb 1**  
Budaj, Jan; Bernhard, Klaus; Jones, David; Munday, James [2025NatAs...9..380B](#)
- 140.- **Accretion disc winds imprint distinct signatures in the optical variability spectrum of black hole transients**  
Vincentelli, Federico M.; Muñoz-Darias, Teo [2025A&A...695A.181V](#)
- 141.- **An Unexplained Origin for the Unusual Globular Cluster System in the Ultradiffuse Galaxy FCC 224**  
Tang, Yimeng *et al.* (incluye a Ferré-Mateu, Anna) [2025ApJ...982....1T](#)
- 142.- **BOWIE-ALIGN: JWST reveals hints of planetesimal accretion and complex sulphur chemistry in the atmosphere of the misaligned hot Jupiter WASP-15b**  
Kirk, James *et al.* (incluye a Esparza-Borges, Emma) [2025MNRAS.537.3027K](#)
- 143.- **Ca II and H $\alpha$  flaring M dwarfs detected with multi-filter photometry**  
Mas-Buitrago, P.; Zhang, J. -Y.; Solano, E.; Martín, E. L. [2025A&A...695A.182M](#)
- 144.- **Combined search in dwarf spheroidal galaxies for branon dark matter annihilation signatures with the MAGIC telescopes**  
Abe, S. *et al.* (incluye a Becerra González, J.; García López, R. J.; Herrera Llorente, J.; López-Oramas, A.; Molero González, M.; Molina, E.; Nievas Rosillo, M.; Vazquez Acosta, M.) [2025JCAP...03..020A](#)
- 145.- **Constraining cosmological parameters using void statistics from the SDSS survey**  
Fernández-García, Elena; Betancort-Rijo, Juan E.; Prada, Francisco; Ishiyama, Tomoaki; Klypin, Anatoly; Ereza, Julia [2025A&A...695A..19F](#)
- 146.- **COSMOS-Web: Stellar mass assembly in relation to dark matter halos across  $0.2 < z < 12$  of cosmic history**  
Shuntov, M. *et al.* (incluye a Huertas-Company, M.) [2025A&A...695A..20S](#)
- 147.- **Dark Energy Survey Year 3 results: Simulation-based cosmological inference with wavelet harmonics, scattering transforms, and moments of weak lensing mass maps. II. cosmological results**  
Gatti, M. *et al.* (incluye a Carnero Rosell, A.) [2025PhRvD.111f3504G](#)
- 148.- **DES to HSC: Detecting low-surface-brightness galaxies in the Abell 194 cluster using transfer learning**  
Thuruthipilly, H.; Junais; Koda, J.; Pollo, A.; Yagi, M.; Yamanoi, H.; Komiyama, Y.; Romano, M.; Malek, K.; Donevski, D. [2025A&A...695A.106T](#)

- 149.- Detection of RS Oph with LST-1 and modelling of its HE/VHE gamma-ray emission**  
Abe, K. *et al.* (incluye a Barrios Jiménez, L.; Becerra González, J.; García López, R.; Herrera Llorente, J.; López-Oramas, A.; Molero Gonzalez, M.; Molina, E.; Nievas Rosillo, M.; Vázquez Acosta, M.) [2025A&A...695A.152A](#)
- 150.- Discovery of the variable optical counterpart of the redback pulsar PSR J2055+1545**  
Turchetta, Marco; Sen, Bidisha; Simpson, Jordan A.; Linares, Manuel; Breton, Rene P.; Casares, Jorge; Kennedy, Mark R.; Shahbaz, Tariq [2025MNRAS.538..380T](#)
- 151.- Emergence of magnetic flux sheets in the quiet Sun: I. Statistical properties**  
Díaz-Castillo, S. M.; Fischer, C. E.; Moreno-Insertis, F.; Guglielmino, S. L.; Ishikawa, R.; Criscuoli, S. [2025A&A...695A..45D](#)
- 152.- Euclid preparation: LXI. Cosmic Dawn Survey: 'Pre-launch' multiwavelength catalogues for Euclid Deep Field North and Euclid Deep Field Fornax**  
Euclid Collaboration *et al.* (incluye a Dannerbauer, H.; Colodro-Conde, C.; Rebolo, R.; Huertas-Company, M.) [2025A&A...695A.229E](#)
- 153.- Euclid preparation: LXII. Simulations and non-linearities beyond Lambda cold dark matter. 1. Numerical methods and validation**  
Euclid Collaboration *et al.* (incluye a Colodro-Conde, C.; Balaguera-Antolinez, A.; Diaz, J. J.; Gutierrez, C. M.) [2025A&A...695A.230E](#)
- 154.- Exploring the physical origins of halo assembly bias from early times**  
Montero-Dorta, Antonio D.; Contreras, Sergio; Celeste Artale, M.; Rodriguez, Facundo; Favole, Ginevra [2025A&A...695A.159M](#)
- 155.- Follow-up on three poorly studied AM CVn stars**  
Aungwerojwit, Amornrat *et al.* (incluye a Dhillon, V. S.) [2025MNRAS.537.3078A](#)
- 156.- Gaia-ESO survey: Massive stars in the Carina Nebula: II. The spectroscopic analysis of the O-star population**  
Berlanas, S. R. *et al.* [2025A&A...695A.248B](#)
- 157.- Gaia20bdk – New FU Ori-type star in the Sh 2-301 star-forming region**  
Siwak, M. *et al.* (incluye a Fiorellino, E.) [2025A&A...695A.130S](#)
- 158.- Galaxy cluster matter profiles: I. Self-similarity, mass calibration, and observable-mass relation validation employing cluster mass posteriors**  
Singh, A. *et al.* (incluye a Carnero Rosell, A.) [2025A&A...695A..49S](#)
- 159.- Galaxy mass-size segregation in the cosmic web from the CAVITY parent sample**  
Pérez, I. *et al.* (incluye a Ferré-Mateu, A.; Falcón-Barroso, J.; Sánchez Alarcón, P.) [2025A&A...695A..84P](#)
- 160.- GRB 221009A: The B.O.A.T. Burst that Shines in Gamma Rays**  
Axelsson, M. *et al.* (incluye a Becerra Gonzalez, J.) [2025ApJS..277...24A](#)
- 161.- HADES RV Programme with HARPS-N at TNG: XVI. A super-Earth in the habitable zone of the GJ 3998 multi-planet system**  
Stefanov, A. K. *et al.* (incluye a Suárez Mascareño, A.; González Hernández, J. I.; Nari, N.; Rebolo, R.) [2025A&A...695A..62S](#)
- 162.- Identification of a Turnover in the Initial Mass Function of a Young Stellar Cluster Down to 0.5 M<sub>J</sub>**  
De Furio, Matthew *et al.* (incluye a Fiorellino, Eleonora) [2025ApJ...981L..34D](#)
- 163.- Identifying Missing Quasars from the DESI Bright Galaxy Survey**  
Juneau, S. *et al.* (incluye a Siudek, M.) [2025AJ....169..157J](#)

- 164.- **Intermediate-mass stars and the origin of the gas-giant planet-metallicity correlation**  
Maldonado, J.; Mirouh, G. M.; Mendigutía, I.; Montesinos, B.; Gragera-Más, J. L.; Villaver, E. [2025A&A...695A..27M](#)
- 165.- **It is not  $\sigma_8$ : constraining the non-linear matter power spectrum with the Dark Energy Survey Year-5 supernova sample**  
Shah, P. *et al.* (incluye a Carnero Rosell, A.) [2025MNRAS.537.3814S](#)
- 166.- **J-PLUS: Spectroscopic validation of H $\alpha$  emission line maps in spatially resolved galaxies**  
Rahna, P. T. *et al.* (incluye a Hernández-Monteagudo, C.) [2025A&A...695A.200R](#)
- 167.- **Looking into the faintEst With MUSE (LEWIS): Exploring the nature of ultra-diffuse galaxies in the Hydra I cluster: III. Untangling UDG 32 from the stripped filaments of NGC 3314A with multi-wavelength data**  
Hartke, J. *et al.* (incluye a Falcón-Barroso, J.) [2025A&A...695A..91H](#)
- 168.- **Mapping the Milky Way with Gaia Bp/Rp spectra: I. Systematic flux corrections and atmospheric parameters for 68 million stars**  
Ye, Xianhao *et al.* (incluye a Wu, Wenbo; Allende Prieto, Carlos; Aguado, David S.; González Hernández, Jonay I.; Rebolo, Rafael; del Burgo, Carlos) [2025A&A...695A..75Y](#)
- 169.- **Multiprobe cosmology from the abundance of SPT clusters and DES galaxy clustering and weak lensing**  
Bocquet, S. *et al.* (incluye a Carnero Rosell, A.) [2025PhRvD.111f3533B](#)
- 170.- **Multiwavelength analysis of AT 2023sva: a luminous orphan afterglow with evidence for a structured jet**  
Srinivasaragavan, Gokul P. *et al.* (incluye a Geier, Stefan) [2025MNRAS.538..351S](#)
- 171.- **Multiwavelength Observations of a Jet Launch in Real Time from the Post-changing-look Active Galaxy 1ES 1927+654**  
Laha, Sibasish *et al.* (incluye a Becerra González, Josefa; Acosta-Pulido, J. A.) [2025ApJ...981..125L](#)
- 172.- **Optical evolution of AT 2024wpp: the high-velocity outflows in Cow-like transients are consistent with high spherical symmetry**  
Pursiainen, M. *et al.* (incluye a Dhillon, V. S.) [2025MNRAS.537.3298P](#)
- 173.- **Propagation of Waves in Weakly Ionized Two-fluid Plasmas. I. Small-amplitude Alfvénic Waves**  
Martínez-Gómez, David [2025ApJ...982....4M](#)
- 174.- **QUIJOTE scientific results: XVIII. New constraints on the polarisation of the anomalous microwave emission in bright Galactic regions:  $\rho$  Ophiuchi, Perseus, and W43**  
González-González, R. *et al.* (incluye a Génova-Santos, R. T.; Rubiño-Martín, J. A.; Peel, M. W.; López-Caraballo, C. H.; Fernández-Torreiro, M.; Rebolo, R.; Hernández-Monteagudo, C.; Adak, D.; Cepeda-Arroita, R.; Fasano, A.; Hoyland, R. J.; Poidevin, F.; Ruiz-Granados, B.; Tramonte, D.; Vansyngel, F.) [2025A&A...695A.245G](#)
- 175.- **Reduced atomic models for large-scale computations: Fe XIII near-infrared lines**  
Del Zanna, Giulio; Hebbur Dayananda, Supriya [2025MNRAS.537.3781D](#)
- 176.- **Reduction of the type Ia supernova host galaxy step in the outer regions of galaxies**  
Toy, M. *et al.* (incluye a Carnero Rosell, A.) [2025MNRAS.538..181T](#)
- 177.- **Reformulating polarized radiative transfer for astrophysical applications (I). A formalism allowing non-local Magnus solutions**  
Carlin, Edgar S.; Blanes, Sergio; Casas, Fernando [2025OJAp....8E..31C](#)
- 178.- **Retuning radio astronomy for axion dark matter with neutron stars**  
De Miguel, Javier [2025PhLB..86239328D](#)

- 179.- **Revisiting symbiotic binaries with interferometry: I. The PIONIER archival collection**  
Merc, Jaroslav; Boffin, Henri M. J. [2025A&A...695A..61M](#)
- 180.- **Robust machine learning model of inferring the ex situ stellar fraction of galaxies from photometric data**  
Cai, Runsheng; Zhu, Ling; Shen, Shiyin; Wang, Wenting; Pillepich, Annalisa; Falcón-Barroso, Jesús [2025A&A...695A.177C](#)
- 181.- **Scattered synchrotron emission and a giant torus revealed in polarized light in the nearest radio galaxy Centaurus A**  
Marin, F.; Hutsemékers, D.; Jiang, C. -Z.; Antonucci, R.; Ogle, P. M.; Bagul, A.; Ramos Almeida, C.; Berton, M. [2025A&A...695A..55M](#)
- 182.- **Search for new Galactic Wolf–Rayet stars using Gaia DR3: I. Candidate selection and the follow-up of the bright sample**  
Mulato, Lionel; Merc, Jaroslav; Charbonnel, Stéphane; Garde, Olivier; Le Dû, Pascal; Petit, Thomas [2025A&A...695A.227M](#)
- 183.- **Searches for signatures of ultralight axion dark matter in polarimetry data of the European Pulsar Timing Array**  
Porayko, N. K. *et al.* (incluye a Terol-Calvo, J.; Martin Camalich, J.) [2025PhRvD.111f2005P](#)
- 184.- **Spatially resolved dust properties over 50 kpc in a hyperluminous galaxy merger at  $z = 4.6$**   
Fernández Aranda, Román *et al.* (incluye a Hatziminaoglou, Evanthia) [2025A&A...695L..15F](#)
- 185.- **Spectral Diversity of DiSCo's TNOs Revealed by JWST: Early Sculpting and Late Irradiation**  
Brunetto, R. *et al.* (incluye a Licandro, J.) [2025ApJ...982L...8B](#)
- 186.- **TESS Hunt for Young and Maturing Exoplanets (THYME). XII. A Young Mini-Neptune on the Upper Edge of the Radius Valley in the Hyades Cluster**  
Distler, Adam *et al.* (incluye a Barkaoui, Khalid) [2025AJ....169..166D](#)
- 187.- **The Assembly of Supermassive Black Holes at  $z < 1$  in Early-type Galaxies from Scaling Relations**  
Farrah, D. *et al.* (incluye a Hatziminaoglou, E.) [2025ApJ...981...71F](#)
- 188.- **The First Identification of Ly $\alpha$  Changing-look Quasars at High Redshift in DESI**  
Guo, Wei-Jian *et al.* (incluye a Siudek, Małgorzata) [2025ApJ...981L...8G](#)
- 189.- **The GAPS Programme at TNG: LXVII. Detection of water and preliminary characterisation of the atmospheres of the two hot Jupiters: KELT-8 b and KELT-23 Ab**  
Basilicata, M. *et al.* (incluye a Bosch, W.) [2025A&A...695A.107B](#)
- 190.- **The IACOB project: XIV. New clues on the location of the TAMS in the massive star domain de Burgos, A.; Simón-Díaz, S.; Urbaneja, M. A.; Holgado, G.; Ekström, S.; Ramírez-Tannus, M. C.; Zari, E. [2025A&A...695A..87D](#)**
- 191.- **The J-PAS survey: The effect of photometric redshift errors on cosmic voids**  
Mansour, J. A. *et al.* (incluye a Hernández-Monteagudo, C.) [2025A&A...695A.174M](#)
- 192.- **The JCMT BISTRO Survey: Magnetic Fields Align with Orbital Structure in the Galactic Center**  
Károly, Janik *et al.* (incluye a Poidevin, Frédéric; Chung, Eun Jung) [2025ApJ...982L..22K](#)
- 193.- **The LSPE-Strip pointing reconstruction and Star Tracker**  
Maris, Michele *et al.* (incluye a Génova-Santos, Ricardo T.; Rubino-Martin, Jose A.) [2025JInst..20P3029M](#)
- 194.- **The NCORES programme: precise planetary masses, null results, and insight into the planet mass distribution near the radius gap**  
Armstrong, David J. *et al.* (incluye a Murgas, Felipe; Palle, Enric) [2025MNRAS.537.3175A](#)



- 195.- **The Pristine survey: XXV. The very metal-poor Galaxy: Chemodynamics through the follow-up of the Pristine-Gaia synthetic catalogue**  
Viswanathan, Akshara *et al.* (incluye a Allende Prieto, Carlos; Fernández-Alvar, Emma; Arroyo-Polonio, José María; Santos-Torres, Judith; Thomas, Guillaume F.; Wu, Wenbo; Ye, Xianhao; Aguado, David S.)[2025A&A...695A.112V](#)
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Bonifacio, P. *et al.* (incluye a González Hernández, J. I.; Aguado, D. S.; Thomas, G. F.)[2025A&A...695A.113B](#)
- 197.- **TOI-2015 b: A sub-Neptune in strong gravitational interaction with an outer non-transiting planet**  
Barkaoui, K. *et al.* (incluye a Parviainen, H.; Palle, E.; Narita, N.; Passegger, V. M.; Alonso, R.; Calatayud-Borras, Y.; Esparza-Borges, E.; Fernández-Rodríguez, G.; Fukui, A.; Gallardo, P. P. M.; Garcia, N. A.; Geraldía-González, S.; González-Rodríguez, J.; Lacedelli, G.; Libotte, F.; Muñoz Torres, S.; Murgas, F.; Orell-Miquel, J.; Rebolo-López, R.; Pérez-Prieto, J. A.; Poulourtzidis, E.; Rodríguez, P. M.; Sánchez-Benavente, M.)[2025A&A...695A.281B](#)
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Rodrigues, J. *et al.* (incluye a Suárez Mascareño, A.; González Hernández, J. I.; Allende Prieto, C.; Palle, E.; Génova Santos, R.; Rebolo, R.)[2025A&A...695A.237R](#)
- 199.- **Tripling the Census of Dwarf AGN Candidates Using DESI Early Data**  
Pucha, Ragadeepika *et al.* (incluye a Siudek, M.)[2025ApJ...982...10P](#)
- 200.- **Unveiling the warm molecular outflow component of type-2 quasars with SINFONI**  
Zanchettin, M. V.; Ramos Almeida, C.; Audibert, A.; Acosta-Pulido, J. A.; Cezar, P. H.; Hicks, E.; Lapi, A.; Mullaney, J.[2025A&A...695A.185Z](#)
- 201.- **Vertical structure of an exoplanet's atmospheric jet stream**  
Seidel, Julia V. *et al.* (incluye a Pallé, Enric; Suárez Mascareño, Alejandro)[2025Natur.639..902S](#)
- 202.- **Water in Ryugu as a property of processes in its parent body**  
Le Pivert-Jolivet, T. *et al.* (incluye a De León, J.; Licandro, J.)[2025A&A...695A.168L](#)
- 203.- **X-Shooting ULLYSES: Massive stars at low metallicity: X. Physical parameters and feedback of massive stars in the LMC N11 B star-forming region**  
Gómez-González, V. M. A. *et al.* (incluye a Berlanas, S. R.)[2025A&A...695A.197G](#)
- 204.- **2020 BX<sub>12</sub>—The Last Binary Asteroid Discovered at Arecibo**  
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Navarrete, Camila; Recio-Blanco, Alejandra; de Laverny, Patrick; Escorza, Ana[2025A&A...696A..82N](#)
- 206.- **A Virgo Environmental Survey Tracing Ionised Gas Emission (VESTIGE): XVIII. Reconstructing the star formation history of early-type galaxies through the combination of their UV and H $\alpha$  emission**  
Martocchia, S. *et al.* (incluye a Junais)[2025A&A...696A..79M](#)
- 207.- **Analyses of anomalous lensing events detected from the UKIRT microlensing survey**  
Han, Cheongho *et al.* (incluye a Fukui, Akihiko)[2025A&A...696A.126H](#)
- 208.- **BD+48 873b - a brown dwarf companion candidate**  
Jaros, R.; Niedzielski, A.; Wolszczan, A.; Villaver, E.[2025CoSka..55c.474J](#)



- 209.- **Calibrating the absolute magnitude of type Ia supernovae in nearby galaxies using [O II] and implications for  $H_0$**   
Dixon, M. *et al.* (incluye a Carnero Rosell, A.)[2025MNRAS.538..782D](#)
- 210.- **Characterization of DESI fiber assignment incompleteness effect on 2-point clustering and mitigation methods for DR1 analysis**  
Bianchi, D. *et al.* (incluye a Carnero Rosell, A.)[2025JCAP...04..074B](#)
- 211.- **COALAS: III. The ATCA CO(1–0) look at the growth and death of H $\alpha$  emitters in the Spiderweb protocluster at  $z = 2.16$**   
Pérez-Martínez, J. M. *et al.* (incluye a Dannerbauer, H.; Chen, Z.; D'Eugenio, C.; Zhang, Y.)[2025A&A...696A.236P](#)
- 212.- **Constraining Atmospheric Composition from the Outflow: Helium Observations Reveal the Fundamental Properties of Two Planets Straddling the Radius Gap**  
Zhang, Michael *et al.* (incluye a Barkaoui, Khalid; Murgas, Felipe; Palle, Enric)[2025AJ....169..204Z](#)
- 213.- **Constraints on optical and near-infrared variability in the localization of the long-period radio transient GLEAM-X J1627-52**  
Lyman, J. D.; Dhillon, V. S.; Kamann, S.; Chrimes, A. A.; Levan, A. J.; Pelisoli, I.; Steeghs, D. T. H.; Wiersema, K.[2025MNRAS.538..925L](#)
- 214.- **COSMOS-Web: A history of galaxy migrations over the stellar mass–star formation rate plane**  
Arango-Toro, R. C. *et al.* (incluye a Huertas-Company, M.)[2025A&A...696A.159A](#)
- 215.- **DESI 2024 III: baryon acoustic oscillations from galaxies and quasars**  
Adame, A. G. *et al.* (incluye a Carnero Rosell, A.)[2025JCAP...04..012A](#)
- 216.- **Development and quality control of PMT modules for the large-sized telescopes of the Cherenkov Telescope Array Observatory**  
Saito, T. *et al.* (incluye a Becerra González, J.; Herrera Llorente, J.; López-Oramas, A.)[2025NIMPA107370229S](#)
- 217.- **Euclid: Searches for strong gravitational lenses using convolutional neural nets in Early Release Observations of the Perseus field**  
Pearce-Casey, R. *et al.* (incluye a Colodro-Conde, C.)[2025A&A...696A.214P](#)
- 218.- **Free-floating planetary mass objects in LDN 1495 from Euclid Early Release Observations**  
Bouy, H. *et al.* (incluye a Martín, E. L.; Žerjal, M.)[2025A&A...696A..80B](#)
- 219.- **High energy radiation induced degradation of poly(lactic acid) (PLLA) film: radiation chemical yield, kinetics, mechanism and radiolacemization evidences**  
Cataldo, Franco; Barzaga, Ransel; García-Hernández, D. Aníbal; Manchado, Arturo; Di Sarcina, Ilaria; Cemmi, Alessia[2025JRNC..334.2875C](#)
- 220.- **Improving the stellar age determination through joint modeling of binarity and asteroseismology: Grid modeling of the seismic red giant binary KIC 9163796**  
Grossmann, D. H. *et al.* (incluye a Beck, P. G.; Mathur, S.; Godoy-Rivera, D.; Masseron, T.)[2025A&A...696A..42G](#)
- 221.- **In-depth characterization of the Kepler-10 three-planet system with HARPS-N radial velocities and Kepler transit timing variations**  
Bonomo, A. S. *et al.* (incluye a Lacedelli, G.)[2025A&A...696A.233B](#)
- 222.- **Interacting dark sector within ETHOS: Cosmological constraints from SPT cluster abundance with DES and HST weak lensing data**  
Mazoun, A. *et al.* (incluye a Carnero Rosell, A.)[2025PhRvD.111h3543M](#)

- 223.- **Jormungandr: A Large Substructure Circling the Milky Way Identified from Gaia DR3 Data**  
Ye, Xianhao; Zhao, Gang; Allende Prieto, Carlos; Zhao, Jingkun; Yang, Yong; Wu, Wenbo [2025ApJ...983...65Y](#)
- 224.- **JWST/MIRI Detection of [Ne v] and [Ne VI] in M83: Evidence for the Long Sought-after Active Galactic Nucleus?**  
Hernandez, Svea *et al.* (incluye a Ramos Almeida, Cristina) [2025ApJ...983..154H](#)
- 225.- **Kepler meets Gaia DR3: Homogeneous extinction-corrected color-magnitude diagram and binary classification**  
Godoy-Rivera, D. *et al.* (incluye a Mathur, S.; Beck, P. G.; Grossmann, D. H.; Merc, J.; Escorza, A.) [2025A&A...696A.243G](#)
- 226.- **Magnetic Activity Evolution of Solar-like Stars. II.  $S_{\text{ph}}$ -Ro Evolution of Kepler Main-sequence Targets**  
Mathur, Savita *et al.* (incluye a Beck, Paul G.; Godoy-Rivera, Diego) [2025ApJ...982..114M](#)
- 227.- **Microlensing events indicate that super-Earth exoplanets are common in Jupiter-like orbits**  
Zang, Weicheng *et al.* (incluye a Fukui, Akihiko) [2025Sci...388..400Z](#)
- 228.- **Near-infrared spectral variation in Ryugu particles and implication for rapid space weathering by solar UV radiation**  
Furukawa, S. *et al.* (incluye a Le Pivert-Jolivet, T.) [2025NatSR...1514613F](#)
- 229.- **Observations of massive contact binaries in the local universe**  
Abdul-Masih, M. [2025CoSka..55c.390A](#)
- 230.- **Physical stellar properties of red giant ellipsoidal binaries in Gaia DR3**  
Navarrete, C.; Recio-Blanco, A.; de Laverny, P.; Escorza, A. [2025CoSka..55c.425N](#)
- 231.- **Post-common-envelope planetary nebulae**  
Jones, D. [2025CoSka..55c.200J](#)
- 232.- **Reprocessing from Highly Ionized Gas in the Soft Spectral State of V4641 Sgr with NuSTAR**  
Connors, Riley M. T.; Neilsen, Joey; Shaw, Aarran W.; Steiner, James F.; Vincentelli, Federico; García, Javier A.; Uttley, Phil; Remillard, Ronald A.; Mastroserio, Guglielmo [2025ApJ...983...25C](#)
- 233.- **Search and analysis of giant radio galaxies with associated nuclei (SAGAN): V. Study of giant double-double radio galaxies from LoTSS DR2**  
Dabhade, P.; Chavan, K.; Saikia, D. J.; Oei, M. S. S. L.; Röttgering, H. J. A. [2025A&A...696A..97D](#)
- 234.- **Searching for hot water world candidates with CHEOPS: Refining the radii and analysing the internal structures and atmospheric lifetimes of TOI-238 b and TOI-1685 b**  
Egger, J. A. *et al.* (incluye a Alonso, R.; Pallé, E.; Villaver, E.) [2025A&A...696A..28E](#)
- 235.- **Shape and spin-state model of tumbling asteroid (319) Leona**  
Durech, J. *et al.* (incluye a Alarcon, M. R.; Serra-Ricart, M.; Licandro, J.) [2025A&A...696A..76D](#)
- 236.- **Soft X-ray prompt emission from the high-redshift gamma-ray burst EP240315a**  
Liu, Y. *et al.* (incluye a Mata-Sánchez, D.; Torres, M. A. P.) [2025NatAs...9..564L](#)
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- 238.- **Study of an active region prominence using spectropolarimetric data in the He I  $D_3$  multiplet**  
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- 239.- **Superclustering with the Atacama Cosmology Telescope and Dark Energy Survey. II. Anisotropic Large-scale Coherence in Hot Gas, Galaxies, and Dark Matter**  
Lokken, M. *et al.* (include a Carnero Rosell, A.)[2025ApJ...982..186L](#)
- 240.- **TESS and HARPS-N unveil two planets transiting TOI-1453: A super-Earth and one of the lowest mass sub-Neptunes**  
Stalport, M. *et al.* (include a Murgas, F.; Boschini, W.)[2025A&A...696A..86S](#)
- 241.- **The CARMENES search for exoplanets around M dwarfs: Occurrence rates of Earth-like planets around very low-mass stars**  
Kaminski, A. *et al.* (include a Béjar, V. J. S.; Pallé, E.)[2025A&A...696A.101K](#)
- 242.- **The CARMENES search for exoplanets around M dwarfs: Understanding the wavelength dependence of radial velocity measurements**  
Jeffers, S. V. *et al.* (include a Béjar, V. J. S.; Cardona Guillén, C.; Lodieu, N.)[2025A&A...696A..27J](#)
- 243.- **The Dwarf Irregular Galaxy NGC 6822. II. Young, Intermediate and Old Stellar Populations: Comparison between Theory and Observations**  
Tantalo, Maria *et al.*[2025ApJ...983...92T](#)
- 244.- **The Einstein Probe Transient EP240414a: Linking Fast X-Ray Transients, Gamma-Ray Bursts, and Luminous Fast Blue Optical Transients**  
van Dalen, Joyce N. D. *et al.* (include a Mata Sánchez, Daniel; Torres, Manuel A. P.)[2025ApJ...982L..47V](#)
- 245.- **The hierarchical growth of bright central galaxies and intracluster light as traced by the magnitude gap**  
Golden-Marx, Jesse B. *et al.* (include a Carnero Rosell, A.)[2025MNRAS.538..622G](#)
- 246.- **The importance of binary stars**  
Boffin, H. M. J.; Jones, D.[2025CoSka..55c..21B](#)
- 247.- **The infrared counterpart and proper motion of magnetar SGR 0501+4516**  
Chrimes, A. A. *et al.* (include a Dhillon, V. S.)[2025A&A...696A.127C](#)
- 248.- **The JCMT BISTRO Survey: Unveiling the Magnetic Fields around Galactic Center**  
Yang, Meng-Zhe *et al.* (include a Poidevin, Frédéric)[2025ApJ...983..184Y](#)
- 249.- **The Mini-SiTian Array: First-two-year Operation**  
He, Min *et al.* (include a Liu, Shuai)[2025RAA....25d4005H](#)
- 250.- **The OTELO survey: New evidence of downsizing from the specific star formation rates, stellar mass functions, and star formation histories of a sample of low-mass galaxies at  $0.38 < z < 1.43$**   
Cedr s, Bernab  *et al.* (include a Cepa, Jordi; Padilla-Torres, Carmen P.; Nadolny, Jakub)[2025A&A...696A..85C](#)
- 251.- **The size of the coronal line region in active galactic nuclei: a MUSE perspective**  
Rod r guez-Ardila, A.; Fonseca-Faria, M. A.; Dahmer-Hahn, L. G.; Prieto, A.; Riffel, R.; Riffel, R. A.[2025MNRAS.538.2800R](#)
- 252.- **TOI-6508 b: A massive transiting brown dwarf orbiting a low-mass star**  
Barkaoui, K. *et al.* (include a Fukui, A.; Mart n, E. L.; Murgas, F.; Palle, E.)[2025A&A...696A..44B](#)
- 253.- **Understanding coronal rain dynamics through a point-mass model**  
Hillier, Andrew; Oliver, Ramon; Mart nez-G mez, David[2025A&A...696A.231H](#)
- 254.- **Unveiling the bulge-disc structure, AGN feedback, and baryon landscape in a massive spiral galaxy with Mpc-scale radio jets**  
Bagchi, Joydeep *et al.* (include a Dabhade, Pratik)[2025MNRAS.538.1628B](#)

- 255.- **2D surface brightness modelling of large 2MASS galaxies II: the role of classical bulges and pseudobulges on galaxy scaling relations and its implication for supermassive black hole formation**  
Ríos-López, Emmanuel; López-Cruz, Omar; Añorve, Christopher; Valerdi, Mabel; Dufrane, Victoria R.; Rodríguez-Hernández, Erick A. [2025MNRAS.539.2583R](#)
- 256.- **A Disintegrating Rocky Planet with Prominent Comet-like Tails around a Bright Star**  
Hon, Marc *et al.* (incluye a Barkaoui, Khalid; Narita, Norio; Fukui, Akihiko) [2025ApJ...984L...3H](#)
- 257.- **A new way to measure the distance to NGC1052-DF2**  
Beasley, M. A.; Fahrion, K.; Guerra Arencibia, S.; Gvozdenko, A.; Montes, M. [2025A&A...697A.144B](#)
- 258.- **Alpha-element abundance patterns in star-forming regions of the Local Universe**  
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- 259.- **Analysing the evolution of the thermal and magnetic properties of an X-class flare in the low solar atmosphere**  
Ferrente, F.; Quintero Noda, C.; Zuccarello, F.; Guglielmino, S. L. [2025A&A...697A.103F](#)
- 260.- **AT2021uey: A planetary microlensing event outside the Galactic bulge**  
Ban, M. *et al.* (incluye a Fukui, A.; Narita, N.) [2025A&A...697A..57B](#)
- 261.- **BOWIE-ALIGN: substellar metallicity and carbon depletion in the aligned TrES-4b with JWST NIRSpec transmission spectroscopy**  
Meech, Annabella *et al.* (incluye a Esparza-Borges, Emma) [2025MNRAS.539.1381M](#)
- 262.- **Chlorine abundances in star-forming regions of the local Universe**  
Orte-García, M.; Esteban, C.; Méndez-Delgado, J. E.; García-Rojas, J.; Arellano-Córdova, K. Z.; Rosales-Ortega, F. F.; Reyes-Rodríguez, E. [2025A&A...697A.130O](#)
- 263.- **Convergence study of ambipolar diffusion in realistic simulations of magneto-convection**  
Khomenko, E.; Vitas, N.; Collados, M.; Modestov, M. [2025A&A...697A..29K](#)
- 264.- **Deep Extragalactic Visible Legacy Survey (DEVILS): new robust merger rates at intermediate redshifts**  
Fuentealba-Fuentes, Melissa F.; Davies, Luke J. M.; Robotham, Aaron S. G.; Cook, Robin H. W.; Bellstedt, Sabine; Lagos, Claudia D. P.; Bravo, Matías; Siudek, Malgorzata [2025MNRAS.539.1651F](#)
- 265.- **Detection of Methane in the Closest Extreme Metal-poor T Dwarf WISEA J181006.18-101000.5**  
Zhang, Jerry J. -Y.; Lodieu, Nicolas; Martín, Eduardo L.; Tremblin, Pascal; Zapatero Osorio, María Rosa; Béjar, Víctor J. S.; Vitas, Nikola; Gauza, Bartosz; Pavlenko, Yakiv V.; Rebolo, Rafael [2025ApJ...984L..35Z](#)
- 266.- **Euclid: Early Release Observations – A glance at free-floating newborn planets in the  $\sigma$  Orionis cluster**  
Martín, E. L. *et al.* (incluye a Žerjal, M.; Muñoz Torres, S.; Lodieu, N.; Béjar, V. J. S.; Zhang, J. -Y.; del Burgo, C.; Dominguez-Tagle, C.; Escobar, A.; Sedighi, N.; Tsilia, S.; Vitas, N.; Rebolo, R.) [2025A&A...697A...7M](#)
- 267.- **Euclid: Early Release Observations – A preview of the Euclid era through a galaxy cluster magnifying lens**  
Atek, H. *et al.* (incluye a Montes, M.) [2025A&A...697A..15A](#)
- 268.- **Euclid: Early Release Observations – Deep anatomy of nearby galaxies**  
Hunt, L. K. *et al.* (incluye a Knapen, J. H.; Roman, J.; Rebolo, R.) [2025A&A...697A...9H](#)
- 269.- **Euclid: Early Release Observations – Dwarf galaxies in the Perseus galaxy cluster**  
Marleau, F. R. *et al.* (incluye a Ferré-Mateu, A.; Montes, M.; Rebolo, R.) [2025A&A...697A..12M](#)

- 270.- Euclid: Early Release Observations – Globular clusters in the Fornax galaxy cluster, from dwarf galaxies to the intracluster field**  
Saifollahi, T. *et al.* (incluye a Knapen, J. H.; Román, J.; Rebolo, R.) [2025A&A...697A..10S](#)
- 271.- Euclid: Early Release Observations – Overview of the Perseus cluster and analysis of its luminosity and stellar mass functions**  
Cuillandre, J. -C. *et al.* (incluye a Ferré-Mateu, A.; Montes, M.) [2025A&A...697A..11C](#)
- 272.- Euclid: Early Release Observations – Programme overview and pipeline for compact- and diffuse-emission photometry**  
Cuillandre, J. -C. *et al.* (incluye a Ferré-Mateu, A.; Knapen, J. H.; Martín, E. L.; Montes, M.; Román, J.; Žerjal, M.; Rebolo, R.) [2025A&A...697A...6C](#)
- 273.- Euclid: Early Release Observations – The intracluster light and intracluster globular clusters of the Perseus cluster**  
Kluge, M. *et al.* (incluye a Montes, M.; Rebolo, R.) [2025A&A...697A..13K](#)
- 274.- Euclid: Early Release Observations – Unveiling the morphology of two Milky Way globular clusters out to their periphery**  
Massari, D. *et al.* (incluye a Rebolo, R.) [2025A&A...697A...8M](#)
- 275.- Euclid: I. Overview of the Euclid mission**  
Euclid Collaboration *et al.* (incluye a Balaguera-Antolinez, A.; Balcells, M.; Barrena, R.; Bermejo-Climent, J. R.; Colodro-Conde, C.; Dannerbauer, H.; Diaz, J. J.; Ferré-Mateu, A.; Ferreras, I.; Genova Santos, R.; Gutierrez, C. M.; Hernández-Monteagudo, C.; Huertas-Company, M.; Iglesias-Groth, S.; Knapen, J. H.; Lodieu, N.; Martin, E. L.; Mendez-Abreu, J.; Ramos-Chernenko, N.; Rebolo, R.; Roman, J.; Rubino-Martin, J. A.) [2025A&A...697A...1E](#)
- 276.- Euclid: II. The VIS instrument**  
Euclid Collaboration *et al.* (incluye a Colodro-Conde, C.; Rebolo, R.; Huertas-Company, M.; Gutierrez, C. M.) [2025A&A...697A...2E](#)
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Euclid Collaboration *et al.* (incluye a Colodro-Conde, C.; Diaz, J. J.; Gutierrez, C. M.; Tubio, O.; Rebolo, R.; Huertas-Company, M.) [2025A&A...697A...3E](#)
- 278.- Euclid: IV. The NISP Calibration Unit**  
Euclid Collaboration *et al.* (incluye a Gutierrez, C. M.; Colodro-Conde, C.; Rebolo, R.; Diaz, J. J.; Huertas-Company, M.) [2025A&A...697A...4E](#)
- 279.- Euclid: The Early Release Observations Lens Search Experiment**  
Acevedo Barroso, J. A. *et al.* (incluye a Colodro-Conde, C.; Rebolo, R.) [2025A&A...697A..14A](#)
- 280.- Euclid: V. The Flagship galaxy mock catalogue: A comprehensive simulation for the Euclid mission**  
Euclid Collaboration *et al.* (incluye a Huertas-Company, M.; Colodro-Conde, C.; Rebolo, R.; Balaguera-Antolinez, A.; Diaz, J. J.; Gutierrez, C. M.) [2025A&A...697A...5E](#)
- 281.- Evaluating quenching in cosmological simulations of galaxy formation with spectral covariance in the optical window**  
Sharbaf, Z.; Ferreras, I.; Negri, A.; Anghopo, J.; Dalla Vecchia, C.; Lahav, O.; Somerville, R. S. [2025MNRAS.539.1480S](#)
- 282.- Exploring the atmosphere of GJ 1132 b with CRRES+**  
Palle, E. *et al.* (incluye a Orell-Miquel, J.; Masseron, T.) [2025A&A...697A..31P](#)
- 283.- Fine-scale opposite-polarity magnetic fields in a solar plage revealed by integral field spectropolarimetry**  
Liu, G.; Milić, I.; Castellanos Durán, J. S.; Borrero, J. M.; van Noort, M.; Kuckein, C. [2025A&A...697L...7L](#)

- 284.- INSPIRE: INvestigating Stellar Population In RELics VIII. Emission lines and UV colours in ultracompact massive galaxies**  
Spiniello, Chiara *et al.* (incluye a Ferré-Mateu, Anna)[2025MNRAS.539.1471S](#)
- 285.- Integral field spectroscopy of the planetary nebula NGC 3242 and the puzzling nature of its low-ionization structures**  
Konstantinou, L.; Akras, S.; Garcia-Rojas, J.; Bouvis, K.; Gonçalves, D. R.; Monteiro, H.; Boumis, P.; Mari, M. B.; Aleman, I.; Monreal-Ibero, A.[2025A&A...697A.227K](#)
- 286.- JWST Observations of the Ring Nebula (NGC 6720). III. A Dusty Disk around Its Central Star**  
Sahai, Raghvendra *et al.* (incluye a Manchado, Arturo)[2025ApJ...985..101S](#)
- 287.- JWST reveals the diversity of nuclear obscuring dust in nearby AGN: nuclear isolation of MIRI/MRS data cubes and continuum spectral fitting**  
González-Martín, Omaira *et al.* (incluye a García-Lorenzo, Begoña; Ramos Almeida, Cristina; Esparza-Arredondo, Donaji; Audibert, Anelise)[2025MNRAS.539.2158G](#)
- 288.- JWST/MIRI Study of the Enigmatic Mid-infrared Rings in the Planetary Nebula NGC 1514**  
Ressler, Michael E.; Aller, Alba; Jones, David; Lau, Ryan M.; Miranda, Luis F.; Willacy, Karen[2025AJ....169..236R](#)
- 289.- MaNGA AGN dwarf galaxies (MAD): II. AGN outflows in dwarf galaxies**  
Rodríguez Morales, V.; Mezcuá, M.; Domínguez Sánchez, H.; Audibert, A.; Müller-Sánchez, F.; Siudek, M.; Eróstegui, A.[2025A&A...697A.235R](#)
- 290.- Power spectrum of the CODEX clusters**  
Lindholm, V.; Finoguenov, A.; Balaguera-Antolínez, A.; Castro, T.[2025A&A...697A..93L](#)
- 291.- Precise radial velocities of giant stars: XVII. Distinguishing planets from intrinsically induced radial velocity signals in evolved stars**  
Spaeth, Dane; Reffert, Sabine; Trifonov, Trifon; Kaminski, Adrian; Albrecht, Simon; Grundahl, Frank; Fredslund Andersen, Mads; Quirrenbach, Andreas; Pallé, Pere L.[2025A&A...697A..32S](#)
- 292.- Pushing the boundaries of asteroseismic individual frequency modelling: Unveiling two evolved very low-metallicity red giants**  
Larsen, J. R. *et al.* (incluye a Slumstrup, D.)[2025A&A...697A.153L](#)
- 293.- Quantifying the scale of star formation across the Perseus spiral arm using young clusters around Cas OB5**  
Quintana, Alexis L.; Negueruela, Ignacio; Berlanas, Sara R.[2025A&A...697A..47Q](#)
- 294.- Quasar Milli-lensing and Cold Dark Matter (TNG50) Subhaloes. I. Image Splitting**  
Mediavilla, E.; Jiménez-Vicente, J.; Heinze, F. M.; Martín Camalich, J.[2025ApJ...984..145M](#)
- 295.- Quiet Sun Ellerman bombs as a possible proxy for reconnection-driven spicules**  
Sand, Mats Ola; van der Voort, Luc H. M. Rouppe; Joshi, Jayant; Bose, Souvik; Nóbrega-Siverio, Daniel; Griñón-Marín, Ana Belén[2025A&A...697A.180S](#)
- 296.- Recovering coherent flow structures in active regions using machine learning**  
Lennard, Matthew G. *et al.* (incluye a Asensio Ramos, Andrés; Rempel, Matthias)[2025MNRAS.539.2498L](#)
- 297.- Red giant evolutionary status determination: The complete Kepler catalog**  
Vrard, M. *et al.* (incluye a Mathur, S.)[2025A&A...697A.165V](#)
- 298.- Revisiting the globular clusters of NGC 1052-DF2**  
Fahrion, K.; Beasley, M. A.; Gvozdenko, A.; Guerra Arencibia, S.; Jerabkova, T.; Fensch, J.; Emsellem, E.[2025A&A...697A.145F](#)



- 299.- **Searching for R-process-enhanced Stars in the LAMOST Survey. II. Two New r-II Stars in the Milky Way Disk**  
Xie, Xiao-Jin *et al.* (incluye a Allende Prieto, Carlos)[2025ApJ...984..176X](#)
- 300.- **Signature of spin-down stalling in stellar magnetic activity: The case of the open cluster NGC 6811**  
Santos, A. R. G.; Godoy-Rivera, D.; Mathur, S.; Breton, S. N.; García, R. A.; Cunha, M. S.[2025A&A...697A.177S](#)
- 301.- **Size and shape of the trans-Neptunian object (470316) 2007 OC10: Comparison with thermal data**  
Gómez-Limón, J. M. *et al.* (incluye a Alarcon, M. R.; Licandro, J.; Serra-Ricart, M.)[2025A&A...697A.157G](#)
- 302.- **Sub-second optical/near-infrared quasi-periodic oscillations from the black hole X-ray transient Swift J1727.8–1613**  
Vincentelli, F. M. *et al.* (incluye a Shahbaz, T.; Dhillon, V. S.)[2025MNRAS.539.2347V](#)
- 303.- **The CARMENES search for exoplanets around M dwarfs: Cluster analysis of signals from spectral activity indicators to search for shared periods**  
Kemmer, J. *et al.* (incluye a Béjar, V. J. S.)[2025A&A...697A.225K](#)
- 304.- **The Complete Spitzer Survey of Stellar Structure in Galaxies (CS<sup>4</sup>G)**  
Sánchez-Alarcón, P. M. *et al.* (incluye a Knapen, J. H.; Comerón, S.; Román, J.; Falcón-Ramírez, J. M.)[2025A&A...697A..38S](#)
- 305.- **The EDGE-CALIFA survey: The effect of active galactic nucleus feedback on the integrated properties of galaxies at different stages of their evolution**  
Bazzi, Z.; Colombo, D.; Bigiel, F.; Kalinova, V.; Villanueva, V.; Sanchez, S. F.; Bolatto, A. D.; Wong, T.[2025A&A...697A.149B](#)
- 306.- **The Structure, Populations, and Kinematics of the Milky Way Central and Inner Bulge with OGLE, APOGEE, and Gaia Data**  
Han, Xiao; Wang, Hai-Feng; Carraro, Giovanni; López-Corredoira, Martín; Ting, Yuan-Sen; Luo, Yang-Ping; Wang, Guan-Yu; Mwludpsg Collaboration[2025ApJ...985...32H](#)
- 307.- **The Sunrise Ultraviolet Spectropolarimeter and Imager: Instrument Description**  
Feller, Alex *et al.* (incluye a Martínez Pillet, Valentín)[2025SoPh..300...65F](#)
- 308.- **Three new 2+2 quadruple systems with changing inclination**  
Zasche, P.; Henzl, Z.; Mašek, M.; Kára, J.; Kučáková, H.; Merc, J.; Uhlař, R.[2025MNRAS.539.1015Z](#)
- 309.- **TOI-3493 b: A planet with a Neptune-like density transiting a bright G0-type star**  
Chaturvedi, P. *et al.* (incluye a Pallé, E.)[2025A&A...697A.169C](#)
- 310.- **UV LIGHTS: New tools for revealing the low surface brightness regime in the ultraviolet**  
Ruiz Cejudo, Ignacio *et al.* (incluye a Trujillo, Ignacio; Golini, Giulia; Sedighi, Nafise; Montes, Mireia; Guerra Arencibia, Sergio; Sharbaf, Zahra)[2025A&A...697A..91R](#)
- 311.- **Very high-energy gamma-ray detection and long-term multiwavelength view of the flaring blazar B2 1811+31**  
Abe, K. *et al.* (incluye a Barrios-Jiménez, L.; Becerra González, J.; García López, R. J.; Herrera Llorente, J.; López-Oramas, A.; Molero González, M.; Molina, E.; Nievas Rosillo, M.; Vazquez Acosta, M.)[2025A&A...697A.172A](#)
- 312.- **Galactic transient sources with the Cherenkov Telescope Array Observatory**  
Abe, K. *et al.* (incluye a Arnesen, T. T. H.; Barrios-Jiménez, L.; Becerra González, J.; López-Oramas, A.; Molero, M.; Molina, E.; Nievas Rosillo, M.; Vázquez Acosta, M.)[2025MNRAS.540..205A](#)

- 313.- Ground-breaking exoplanet science with the ANDES spectrograph at the ELT**  
Palle, Enric *et al.* (incluye a Parviainen, Hannu; González Hernández, Jonay I.; Suárez Mascareño, Alejandro)[2025ExA....59...29P](#)
- 314.- HST/WFC3 constraints on the abundances of OH and FeH in the atmosphere of the ultra-hot Neptune LTT-9779 b**  
Zhou, Li *et al.* (incluye a Jiang, Chengzi; Pallé, Enric)[2025MNRAS.540..650Z](#)
- 315.- Multiwavelength study of OT 081: broadband modelling of a transitional blazar**  
Abe, H. *et al.* (incluye a Acciari, V. A.; Colombo, E.; García López, R. J.; Herrera, J.; López-Oramas, A.; Molina, E.; Njoh Ekoume, T.; Otero-Santos, J.; Becerra González, J.)[2025MNRAS.540..364A](#)
- 316.- Photometry of Outer Solar System Objects from the Dark Energy Survey. II. A Joint Analysis of Trans-Neptunian Absolute Magnitudes, Colors, Light Curves and Dynamics**  
Bernardinelli, Pedro H. *et al.* (incluye a Carnero Rosell, A.)[2025AJ....169..305B](#)
- 317.- Systematic Reanalysis of KMTNet Microlensing Events. II. Two New Planets in Giant-source Events**  
Yang, Hongjing *et al.* (incluye a Fukui, Akihiko)[2025AJ....169..295Y](#)
- 318.- The PLATO mission**  
Rauer, Heike *et al.* (incluye a Allende Prieto, Carlos; Alonso Sobrino, Roi; Beck, Paul G.; Cabrero Gomez, Juan-Francisco; Deeg, Hans; del Burgo, Carlos; Díaz-García, José-Javier; García-Vázquez, Hugo; González Hernández, Jonay Isai; Jimenez Mancebo, Antonio José; Mathur, Savita; Narita, Norio; Palle, Enric; Parviainen, Hannu; Passegger, Vera Maria; Villaver, Eva)[2025ExA....59...26R](#)
- 319.- Tidally Heated Sub-Neptunes, Refined Planetary Compositions, and Confirmation of a Third Planet in the TOI-1266 System**  
Greklek-McKeon, Michael *et al.* (incluye a Fukui, Akihiko; Narita, Norio; Fernández-Rodríguez, Gareb)[2025AJ....169..292G](#)
- 320.- Wide Binary Orbits Are Preferentially Aligned with the Orbits of Small Planets, but Probably Not Hot Jupiters**  
Christian, Sam *et al.* (incluye a Murgas, Felipe)[2025AJ....169..308C](#)
- 321.- Year six photometric measurements of known Trans-Neptunian Objects and Centaurs by the Dark Energy Survey**  
Ferreira, F. S. *et al.* (incluye a Carnero Rosell, A.)[2025MNRAS.540..460F](#)
- 322.- Is the symbiotic recurrent nova T CrB late? Recent photometric evolution and comparison with past pre-outburst behaviour**  
Merc, Jaroslav *et al.*[2025MNRAS.541L..14M](#)
- 323.- Few EURONEAR NEA mini-surveys observed with the INT, KASI and T80S telescopes during the ParaSOL synthetic tracking project**  
Vaduvescu, O. *et al.* (incluye a de Leon, J.)[2025NewA..11902410V](#)
- 324.- Hexa-(2-ethylhexyl)-hexa-peri-hexabenzocoronene as archetypal model compound of asphaltenes and MAONs**  
Traspas Muina, A.; Barzaga, R.; García-Hernández, A.; Manchado, A.; Cataldo F.[10.1080/1536383X.2024.2410470](#)
- 325.- Strong spectral features from asymptotic giant branch stars in distant quiescent galaxies**  
Shiying Lu *et al.* (incluye a Chiara D'Eugenio; Marc Huertas-Company)[10.1038/s41550-024-02391-9](#)

**A super-Chandrasekhar mass type Ia supernova progenitor at 49 pc set to detonate in 23 Gyr**

Munday J *et al.* (Incluye Jones D.) *Nature Astronomy*

## INVITED REVIEWS

### 2025-IR

**Mathur S.** "Solar-like stars: seismology and stellar magnetic activity" en "The Sun, Space Weather, and Solar-stellar connection", 20-24 Enero, Bangalore, India

**Fiorellino E.** "The Mass Accretion Rate on Young Stellar Objects: the challenge of the early stages" en "Kapteyn Colloquium", 12 Febrero, Groningen, Países Bajos

**Audibert A.** "The fate of galaxies: from morphologies to the co-evolution of black holes and their hosts" en "EDUCADO training school", 24-28 Febrero, Padova, Italia.

**Herrero A.** "Munichfest 2025: Celebrating 40 years of research on hot luminous stars", 7-11 Abril 2025, La Palma.

**LIBROS Y CAPÍTULOS DE LIBROS**  
**(Books & Book Chapters, Conference Proceedings included)**

**2025-L**

**Capítulos de libros**

# **COMUNICACIONES A CONGRESOS INTERNACIONALES**

## **(Contributions delivered at International Meetings)**

### **2025-CI**

#### **"JWST Solar System Workshop", 6-10 Enero, Meudon, Francia**

Le Pivert-Jolivet, T. "JWST analysis of Klio" (CO)

#### **"EDUCADO Annual Meeting", 13-17 Enero, La Palma**

Audibert A. "An introductory talk about my career" (CO).

#### **"MAGIC + LST F2F Science Meeting", 13-17 Enero, Munich, Alemania**

López Oramas A. "SN 2023ixf" (CO)

Frías García-Lago F. "WR140" (CO)

#### **"The formation and long-term evolution of circumbinary planetary systems across the H-R diagram", 14-17 Enero, Florencia, Italia**

Deeg, H.J. "Circumbinary planets with PLATO" (IT)

#### **"Nucleosynthesis of Heavy Elements: r-process", 19-25 Enero, Hirschegg, Austria**

David Aguado, "Actinide Production in Galactic Mergers" (IT).

#### **"Sun, Space Weather and Solar-Stellar Connections", 20-27 Enero, Bangalore, India**

Nóbrega-Siverio, D. "Small-scale flux emergence preceding a chain of energetic solar atmospheric events" (IT)

#### **"Iberian White Dwarfs Meeting 2025", 21-23 Enero, A Coruña**

Sowicka P. "The GW Vir instability strip in light of new observations of PG 1159 stars" (CO)

#### **"Horizons for Optical long-baseline interferometry", 27-30 Enero, Paris, Francia**

Battaglia, G. "Dark matter determinations in Local Group dwarf galaxies" (IT)

#### **"First Annual ExGal-Twin Meeting" 27-31 Enero, La Laguna, Tenerife**

Arjona-Gálvez E. "AGN on dwarf galaxies: a perspective from cosmological simulations" (CO)

Audibert A. "Unveiling molecular gas across local AGN populations with ALMA" (CO).

Arroyo-Polonio J.M. "Chemo-dynamical characterization of stellar populations and the dark matter halo of the Sculptor dwarf galaxy". (CO).

Thomas, G. "How well can we unravel the accreted constituents of the Milky Way stellar halo? A test on cosmological hydrodynamical simulations" (CO)

**"Horizons for Optical long-baseline interferometry", 27-30 Enero 2025, París, Francia**

Battaglia G. "Dark matter determinations in Local Group dwarf galaxies" (IT, remote participation)

**"Italian National Conference of Star and Planet Formation", 27-31 Enero, Sexten, Italia**

Fiorellino E. "The Empirical Relations between Accretion Luminosity and the Luminosity of Accretion Tracers: are we using them correctly?" (CO)

**"Exploring the Enigma of First Stars and Galaxies in the ERA of JWST", 27-31 Enero, Sesto, Italia**

Aguado, D. "Where are the First Stars?" (IT).

**"Know Thy Star, Know Thy Planet 2", 3-7 Febrero, Pasadena, EEUU**

Suárez Mascareño, A. "Diving into the planetary system of Proxima with NIRPS" (CO)

**"First meeting of the AsteroSHOP ISSI team", 3-7 Febrero, Berna, Suiza**

Battaglia, G. "The WEAVE Galactic Archaeology surveys" (IT)

Thomas, G. "Spectro-Translator: Principle, current limitation and its future" (CO)

**"CDY", 12 Febrero, Online**

López Oramas A. "TeV gamma-loud binaries." (IT)

**"Spanish ALMA Days", 18-20 Febrero, Tenerife**

Audibert A. "Archival Science Overview" (IT).

**"ISSI meeting of the team "Multi-scale variability in solar and stellar magnetic cycles", 24-28 Febrero, Bern, Suiza**

Beck P. "The effect of stellar tides on stellar oscillation" (IT)

**"LASCAS2025", 25-28 Febrero, Bento Gonçalves, Brasil**

Portero-Rodríguez, D.; García-Vázquez, H.; Díaz García, J.J.; Rodríguez Ramos, L.F.; López Aguerri, J.A. "Photonic Integrated Circuits for Astronomy: A mathematical description of an integrated photonics-based wavefront sensor (IP-WFS)" (CO).



**"Whole Sun IPa Meeting", 3-7 Marzo, Paris, Francia**

Navarro A. "Modeling Solar Atmosphere Dynamics with MAGEC" (CO).

**"New Space & Solutions", 17-21 Marzo, Sevilla**

Oscoz A. "El papel del New Space en la gestión de catástrofes naturales desde el espacio" (IT)

**"21st Scientific CARMENES meeting", 25-27 Marzo, Hamburgo, Alemania**

Geraldía-González S., Pallé E., Murgas F., Lacedelli G. "First results of CARMENES-MULTIVERSE" (CO).

**"ISSI meeting of the team "The Early Milky Way", 31 Marzo-4 Abril, Berna, Suiza**

Battaglia G. "The WEAVE Galactic Archaeology LRhighlat subsurvey" (IT, remote participation)

**"2nd Hayabusa2 Data Analysis Workshop", 3 Abril, Sagamihara, Japan**

Prodan G.P., Popescu M., de León J., Tatsumi E., Grieger B., Licandro J., Kohout T., Küppers M. "Methods for analyzing HyperScout-H images" (CO)

**"The 2nd International Conference of Deep Space Sciences (ICDSS2025)", 4-11 Abril, Hefei, China**

Chengzi Jiang. "Multi-Color Validation of Habitable-Zone Super-Earth Candidates Using GTC HiPERCAM" (OC).

**"AI-Empowered Astronomy for Open Science", 7-9 Abril, Hangzhou, China**

Aguado D. S. "Follow-up of Supernovae with Canary Islands Facilities" (CO).

Alarcón M. R. "ROBOTQOP: A Two-Year Sprint to a Complete Optimization System for Robotic Telescope Arrays in the Teide Observatory" (CO).

Gutiérrez de la Cruz C. "The New Robotic Telescope: Unveiling the Transient Universe" (CO).

Poidevin F. "The Role of Canary Islands Observatories in Time-Domain Astronomy and Future Collaborations" (CO).

**"Munichfest 2025: Celebrating 40 years of research on hot luminous stars", 7-11 Abril, La Palma**

Casasbuenas A., Simón Díaz S., Negueruela. I. "Spectroscopic parameters of the B-type stars in the modern grid of standards for spectral classification" (P)

**"ISSI-BJ Workshop on Space-based Stellar Astrophysics in the Ultraviolet", 14-18 Abril, Beijing, China**

Alexandre Vazdekis "Modelling the integrated light of the stellar populations in the NUV and FUV spectral ranges" (IT).

**"1st AtLAST2 Consortium Meeting", 28-30 Abril, Cagliari, Italia**

Evanthia Hatziminaolgu, "AtLAST Operations" (IT)

**"Variable Galactic Gamma-Ray Sources" (VGGRS VII), 6-8 Mayo, Barcelona**

Casares, J. "A revised orbital solution for HESS J0632+057 (=MWC 148)" (IT)

López Oramas A. "MAGIC view on binary systems" (IT)

**"Astro Colloquium", 12 Mayo, Oxford, Reino Unido**

López Oramas A. "TeV/PeV gamma-ray emission from binary systems" (IT)

**"From fake news to real clusters", 13-16 Mayo, La Laguna, Tenerife**

Dalla Vecchia C. "Simulating the first gigayear" (IT).

Hatziminaolgu E. "Over-densities around FIR-bright SDSS quasars" (IT)

**"LST General Meeting, 19-23 Mayo, Madrid**

López Oramas A. "Publications Report" (Plenary)

**"Round Table on New Avenues in Particle Cosmology", 20-22 Mayo, Winchester, Reino Unido**

Rubiño-Martin, J.A. "CMB Experiments at the Teide Observatory: Current Status and Future Prospects" (IT).

**"2<sup>nd</sup> VHEgam Meeting, 26-28 Mayo, Bari, Italia**

López Oramas A. "Science with CTAO" (IT)

**"Dark Matter 2025: From the Smallest to the Largest Scale", 2-6 June, Santander**

Benito M. "Leveraging Machine Learning to Detect Dark Matter Subhalos in the Milky Way" (CO)

**"Detection and Dynamic of Exoplanets (DDE)", 7-11 Julio, Coimbra, Portugal**

Geraldía-González S., Lacedelli G. Pallé E., Murgas F. "Precise Mass Refinement of Three Sub-Neptune Systems from Radial Velocity Observations" (P).

## **COMUNICACIONES A CONGRESOS NACIONALES** **(Contributions delivered at Meetings held in Spain)**

### **2025- CN**

**"Jornada Ciencia e Industria", 5 Febrero, Alcalá de Henares.**

Oscos, A. "IACTEC-Space, the IAC's small satellite program" (CO)

**"New Space & Solutions", 17-21 Marzo, Sevilla**

Oscos, A. "El papel del New Space en la gestión de catástrofes naturales desde el espacio" (CO).

**"VIII JORNADAS RIA-MAD4SPACE 2025", 21-24 Abril, Madrid**

Suárez Mascareño, A. "IACSAT-1 - A new infrared planet hunter" (CO)

**"XVI Día de Nuestra Ciencia 2025 (DNCT2025)", 6 Junio, La Laguna, Tenerife.**

Aguado D. "Metal-poor Stars as Tracers of the Formation and Evolution of the Galactic Halo" (CO).

Amestoy I. "Towards understanding the disparity between dynamic and asteroseismic masses: investigation of an eclipsing binary system hosting an asteroseismic red giant" (CO).

Arjona Gálvez E. "A physically motivated galaxy size definition across different state-of-the-art hydrodynamical simulation" (CO).

Arriero López A.M. "Systematic errors in spectral measurements with the Tenerife Microwave Spectrometer" (CO).

Arroyo Polonio J.M. "Unresolved binaries and their impact on milky way satellite mass estimates" (CO).

Bañares A. "Is there an intermediate-mass black hole in M62? A new view with higher-order Jeans analysis and pulsar timing" (CO).

Battaglia G. "The Wide-field Spectroscopic Telescope" (CO).

Barreto M. "EST Telescope Project Status" (CO).

Becerra J. "Exploring the extreme Universe with the ASTRI Mini-Array" (CO).

Carnero Rosell A. "Dark Energy Spectroscopic Instrument DR2 results" (CO).

Gallart C. "The first infancy of the Milky Way from Gaia color-magnitude diagram fitting" (CO).

Hatziminaoglou E. "Towards an Atacama Large Aperture Submillimeter Telescope (AtLAST)" (CO).

Hernández González A. "HARMONI at ELT: Testing and Verification of Opto-Mechanical Mounts for HARMONI Pre-Optics 10x10 scale" (CO).

Hoyland R. "FPGA based Data Acquisition System for detectors for CMB and other research fields" (CO).

Licandro J. "Unveiling the Outer Solar System's Protoplanetary Disk Composition via TNOs, Centaurs, and Primitive Asteroids" (CO).

Martínez Sebastián C. "Observational hints of binary interacting products in galactic massive O-type stars with IACOB and GAIA" (CO).

Mata Sánchez D. "Dynamical confirmation of a black hole in the X-ray transient Swift J1727.8-1613" (CO).

Padrón Brito M.A. "A simple broadband focal-plane wavefront sensor based on a short multi-mode fiber" (CO).

Pérez Fournon I. "The Vera Rubin Observatory Legacy Survey of Space and Time: IAC participation and in-kind contribution" (CO).

Quintero Noda C. "Present and future of solar infrared spectropolarimetry" (CO).

Ramos Almeida C. "JWST/MIRI reveals the diversity of mid-infrared spectra of type-2 quasars" (CO).

Ramos Chernenko N. "Galaxy protoclusters in Euclid and beyond." (CO).

Reyes M. "GTC AO Program Status" (CO).

Rodríguez Linares N.A. "EST MCAO testbed: Preliminary MCAO results" (CO).

Rodríguez Ramos L.F. "Quantum communications at IAC" (CO).

Rubiño Martín J.A. "Beyond the Color of the Universe: Spectral Distortions of the cosmic microwave background." (CO).

Ruiz del Pozo A. "Disentangling the inner Galaxy" (CO).

Sen S. "Merging plasmoids in a coronal current sheet" (CO).

Siudek M, "Seeing the Universe Anew: AI Meets Euclid" (CO).

Sowicka P. "The GW Vir instability strip in light of new observations of PG 1159 stars" (CO).

Stefanov A. "A super-Earth in the habitable zone of the GJ 3998 multi-planet system" (CO).

Suárez Mascareño A. "Diving into the planetary system of Proxima with NIRPS" (CO).

Tenegi Sanginés F. "Additive Manufacture at IAC" (CO).

Trujillo I. "New ultra-deep imaging facilities at Teide Observatory: LightBridges telescopes" (CO).

Vanetti E. "Heavy metals in the cosmos: tracing the metal enrichment history with the CMB" (CO).

## COMUNICACIONES CORTAS, ARTICULOS EN REVISTAS INTERNACIONALES SIN ÁRBITRO

(Short contributions and papers in non-Refereed International Journals)

### 2025-CR

Martínez Pillet V. "The Astronomical Observatories of the Canary Islands" [2025AAS...24535812M](#)

Núñez, A., Agüeros M., Curtis J., Ospinal C., Covey K., Godoy Rivera D. "A Multi-wavelength Study of Rotation and Magnetic Activity in Young Open Clusters" [2025AAS...24546415N](#)

Burgasser, A. et al. (incluye Lodieu N.) "Arcana of the Ancients: First Results from a JWST Spectral Survey of Metal-poor Ultracool Dwarfs" [2025AAS...24546406B](#)

Dullo B., Knapen J. et al. "LeMMINGS. Multi-wavelength constraints on the co-existence of nuclear star clusters and AGN in nucleated galaxies" [2025AAS...24512902D](#)

López-Corredoira M. "Alternative Cosmologies" [2025JPhCS2948a2001L](#)

Jafarzadeh, S. et al. (Incluye Khomenko E.) "Wave analysis tools" [2025NRvMP...5...21J](#)

## **ARTICULOS EN REVISTAS NACIONALES (Publications in Spanish Journals).**

**2025 - PN**

Ramos Almeida C. "La alumna que fue de excursión al Roque y se hizo astrónoma". Revista Paralajes La Astrofísica en La Palma, enero 2025.



## TESIS DOCTORALES (PhD Theses)

### 2025-T

**Sánchez Sierras, Javier** (17/01/25) "Accretion and outflows in low mass X-ray binaries: the near-infrared view"

**Brauner, Maren** (25/03/25) "Chemical analysis and mining of phosphorus-rich stars"

**Mallorquín Díaz, Manuel** (29/05/25) "Exoplanets in young clusters and moving groups"