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- 3.- **A targeted, parallax-based search for Planet Nine**  
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- 100.- Chemical study of two starless cores in the B213/L1495 filament**  
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- 101.- Clumpiness of galaxies revealed in the near-infrared with COSMOS-Web: Substructures at  $1 < z < 4$  and their link to stellar mass and star formation**  
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- 102.- Connection between Dwarf Galaxies and Globular Clusters: Insights from the Perseus Cluster Using Subaru Imaging and Keck Spectroscopy**  
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- 103.- Cosmology with Supernova Encore in the Strong Lensing Cluster MACS J0138–2155: Time Delays and Hubble Constant Measurement**  
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- 104.- Dark Energy Survey Year 6 Results: Photometric Dataset for Cosmology**  
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- 106.- Elemental abundance pattern and temperature inversion on the dayside of HAT-P-70b observed with CARMENES and PEPSI**  
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- 112.- Evidence of Feedback Effects in Low-luminosity Active Galactic Nuclei Revealed by JWST Spectroscopy**  
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- 115.- Gaia20dsk: A new MNor discovered by the GLORIOUS collaboration**  
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- 119.- Identification of new Galactic symbiotic stars with SALT—II. New discoveries and characterization of the sample**  
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- 120.- Improved measurements of the age of JWST galaxies at  $z = 6 - 10$**   
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- 137.- PyEMILI: A New Generation Computer-aided Spectral-line Identifier. II. Emission-line Identification and Plasma Diagnostics of a Sample of Gaseous Nebulae**  
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- 155.- Velocity field of an active region filament from GRIS infrared He I and IRIS ultraviolet observations**  
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- 156.- WEAVE imaging spectroscopy of NGC 6720: an iron bar in the Ring**  
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- 157.- WEAVE imaging spectroscopy of NGC 6720: an iron bar in the Ring**  
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- 163.- Calibrating Mid-infrared Emission Features as Diagnostics of Star Formation in Infrared-luminous Galaxies via Radiative Transfer Modeling**  
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- 174.- Possibilities and limitations of thermal infrared detections of the Chelyabinsk progenitor and 2024 YR4 before Earth encounters**  
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- 176.- Search for Faint Lone Double-peaked H $\alpha$  Lines as Wandering IMBH Signatures in the MUSE Deep Field**  
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- 177.- Spatially resolved star formation relations in local luminous infrared galaxies along the complete merger sequence**  
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- 178.- Symbiotic binaries in the Gaia data – I. Known symbiotics in DR3 and FPR**  
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- 179.- Testing red clump models with the asteroseismic binary KIC 10841730**  
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- 180.- The DESIRED temperature–metallicity relations in star-forming regions: probing the Galactic radial and azimuthal metallicity distributions**  
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- 181.- The first data release of J-VAR: Multi-filter light curves for 1.3 million point-like sources**  
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- 182.- The nature of ASASSN-24fw's occultation: modelling the event as dimming by optically thick rings around a substellar companion**  
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- 183.- The oldest Milky Way stars: New constraints on the age of the Universe and the Hubble constant**  
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- 184.- Through Thick and Thin: The Cosmic Evolution of Disk Scale Height**  
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- 185.- Two temperate Earth- and Neptune-sized planets orbiting fully convective M dwarfs**  
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- 186.- Constraints on cyclotron features and accretion regime in the high-mass X-ray binary 4U 1700–37 from NuSTAR**  
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- 187.- TOI-6692 b: An Eccentric 130 Day Period Giant Planet with a Single Transit from TESS**  
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## INVITED REVIEWS

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**Ferré-Mateu A.** "Euclid view of the galaxies in the Local Universe" en "Symposium Euclid Spain" 23-25 Febrero, Tenerife

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**2026-L**

# COMUNICACIONES A CONGRESOS INTERNACIONALES

## (Contributions delivered at International Meetings)

### 2026-CI

**"Methods and techniques for high-resolution spectro-polarimetry with current and future high-resolution telescopes: lessons learned and ways forward", 13-15 Enero, Friburgo, Alemania**

Asensio Ramos A. "GPU/AI-powered image reconstruction" (IT)

González Manrique S. J., Berkefeld T., Asensio Ramos A., Kuckein C., Esteves Perez M., Trelles Arjona J. C., Collados M., and KIS workshop team. "Impromptu GREGOR off-limb AO performance" (CO)

Kuckein C., González Manrique S.J., Berkefeld T., Asensio Ramos A., Esteves M. "Image restoration with off-limb AO" (CO)

**"4th Meeting of the Iberian White Dwarf Working Group", 19-21 Enero, La Laguna**

Jones D. "PHOEBE2 as a tool for white dwarf binary light curve modelling" (CO)

**"VLT beyond 2030 meeting", 26-30 Enero, Garching, Alemania**

Fernández-Alvar, E.; Smiljanic, R. y HRMOS collaboration, "Probing neutron-capture nucleosynthesis in the early Galaxy with HRMOS" (CO)

**"Observatorio del Teide Technical Meeting", 28-30 Enero, Friburgo, Alemania**

Trelles Arjona, J. C. "GRIS performance and updates: status and prospects" (CO)

González Manrique S. J., Berkefeld T., Asensio Ramos A., Kuckein C., Esteves Perez M., Trelles Arjona J. C., Collados M., y KIS workshop team. "Science with H $\alpha$  AO" (CO)

**"Cosmic Nuggets II: a feast of compact and massive galaxies across the Universe", 2-6 Febrero, Sexten, Italia**

Ferré-Mateu A. et al. "A Machine Learning approach to the classification of compact galaxies" (IT)

**Euclid Galaxy Clustering SWG Meeting 2026, 2-6 Febrero, Trieste, Italia**

Pérez Sar, M. Voids x CMB lensing (CO)

**"CosmoForward", 9-12 Febrero 2026, Tenerife**

Cepeda Arroita R. "Treatment of Less-Known Foregrounds" (IT).

**"Exploring the Sun at High-Resolution: Present Perspectives & Future Horizons" 10-13 Febrero, Udaipur, India**

Navarro Anamaría, Khomenko E , Tobías F. "Influence of numerical domain design in simulations of solar coronal heating with MAGEC code" (CO).

**"Hera Science Operations Working Group Meeting", 11-12 Febrero, Noordwijk, Países Bajos**

Popescu, M., de León, J., Prodan, G., Küppers, M., Kovács, G., Nagy, B., Grieger, B., Farina, A., Dumitru, B. "HyperScout-H Instrument: in-flight calibration status, operational planning, and publications". (CO)

**"Star formation, nuclear activity and transients in dust obscured galaxies", 23 Febrero, La Palma**

Bianchin M., Ramos Almeida C. "Dual AGN and extended coronal line emission in an obscured quasar" (CO).

**"Symposium Euclid Spain 2026", 23-25 Febrero, La Laguna, Tenerife.**

Poidevin, F., Gutiérrez C. on behalf of the STSWG: "Current Status and Next Steps in the EUCLID Supernovae and Transients SWG (CO)."

Crespo-Pérez, A., Hernández-Monteagudo, C., Martín Camalich, J. "Modelling the Non-linear Regime of Angular Redshift Fluctuations" (CO).

**"XIII Taller de Ciencias Planetarias 2026" 23-27 Febrero, Montevideo, Uruguay.**

J. Licandro, J. Tonry, M. R. Alarcón, M. Serra-Ricart, L. Denneau "ATLAS-Teide: commissioning and first scientific performance of the new ATLAS unit - (CO)

**"Yearly meeting of the ERC Synergy Grant "The Whole Sun". 27 Febrero-14 Marzo, Paris/Orsay, Francia.**

Nóbrega-Siverio, D. "Thin coronal jets and plasmoid-mediated reconnection: Insights from Solar Orbiter observations and Bifrost simulations. (CO).

**"Exploring the evolution of CNOPS elements from Earth and space", 2-6 Marzo, Sesto, Italia**

Aguado, D. "Chemical Outliers in the Early Universe: the Search for the Most Metal-Poor Stars" (IT)

**"ICCUB Seminar", 9 Marzo, Barcelona**

Zerjal, M " Substellar science with the Euclid space telescope" (IT)

**"Chemical abundances in gaseous nebulae", 9-10 de Marzo, Brasil (online)**

Orte-García, M., Esteban, C., Garcías-Rojas, J., Méndez-Delgado, J. E., "The DESIRED electron temperature relations in star-forming regions of the Local Universe" (CO)

**"LVM Science Meeting 2026", 9-13 de Marzo, Tenerife España**

Orte-García, M., Méndez-Delgado, J. E., Esteban, C., Garcías-Rojas, J., "The impact of electron temperature and

density diagnostics on oxygen abundance determinations in the Orion Nebula" (CO)

**"23rd CARMENES scientific meeting", 10-12 Marzo, Madrid**

Béjar V. J. S. "Photometry Summary" y "Summary of CPVs activities" (CO)

**"Ariel: Science, Mission & Community 2026", 17-19 Marzo, ESA MVCC, Harwell, Reino Unido**

Lacedelli G., E. Pallé, L. Mugnai, Q. Changeat, "Investigating planetary populations among sub-Neptunes with ARIEL" (P).

**"Rencontres de Moriond", 22-29 Marzo 2026, La Thuille, Italia**

Cepeda Arroita R. "Synchrotron and Anomalous Microwave Emission from Low-Frequency Microwave Surveys" (CO).

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

**2026- CN**

**"Reunión WEAVE/REG España", 27 Enero, Sevilla**

Berlanas S.R., Herrero A. y the SCIP team, "Inspecting SCIP SV-023 data on massive OB stars" (CO)

**"The GaiaNIR mission and the engagement of the Spanish Community", 28-30 Enero, Sevilla**

Berlanas S.R. "Unveiling the dusty realm of massive stars with GaiaNIR" (IT)

Gallart C. y ChronoGal Team, "Chronology of our Galaxy from Gaia CMD-fitting: the infancy of the Milky Way" (CO).

Martín E. L. "The Euclid mission in the context of the Gaia NIR mission" (IT)

# COMUNICACIONES CORTAS, ARTICULOS EN REVISTAS INTERNACIONALES SIN ÁRBITRO

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

## 2026-CR

Sánchez Almeida, Jorge; Trujillo, Ignacio; Sánchez, Sebastián F.; Montes, Mireia "JWST Spectra are Consistent with the Edge-on Star-forming Galaxy Scenario for the "Runaway Supermassive Black Hole" *Research Notes of the American Astronomical Society* 2026RNAAS..10...35S

López-Corredoira, Martín "Constraints on CMBR Flux due to High-z Dust Emission" *Research Notes of the American Astronomical Society* 2026RNAAS..10...40L

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

**2026 - PN**

## TESIS DOCTORALES (PhD Theses)

### 2026-T

**Esparza Borges, Emma** (30/01/26) "Novel Techniques for Exoplanet Atmospheric Characterization".

**Yanes Rizo, Idaira Vanessa** (13/03/26) "Paving the path to the mass distribution of stellar black holes in the Galaxy".