

SEA 2022 - PÓSTERES CIENCIAS PLANETARIAS

- (001) Title: Search for Exocomets in Photometry: No detection around 5 Vul
Speaker: Isabel Rebollido
Authors: Isabel Rebollido et al.
- (002) Title: Search for NIR gas in debris disks. Is there a water delivery mechanism?
Speaker: Isabel Rebollido
Authors: Isabel Rebollido et al.
- (003) Title: Here comes the GJ 486
Speaker: J. A. Caballero
Authors: J. A. Caballero et al.
- (004) Title: Caracterización de atmósferas de planetas extrasolares basada en espectroscopía con HST/WFC3
Speaker: Santiago Pérez-Hoyos
Authors: Santiago Pérez-Hoyos, Elene Zaldua, Joan Roy-Pérez, Asier Munguira, Hao Chen-Chen, Naiara Barrado-Izagirre
- (005) Title: V1298 Tau " Extracting planetary signals buried in extreme stellar activity
Speaker: A. Suárez Mascareño
Authors: A. Suárez Mascareño
- (006) Title: The KOBE experiment. KOBESim: improving RV planet detection through efficient scheduling
Speaker: Olga Balsalobre Ruza
Authors: Olga Balsalobre-Ruza, Jorge Lillo-Box & Ángel Berihuete
- (007) Title: Building catalogues of exoplanets accessible to atmospheric characterization in direct imaging
Speaker: Áscar Carrión-González
Authors: Áscar Carrión-González, Antonio García Muñoz, Nuno C. Santos, Juan Cabrera, Szilárd Csizmadia, Heike Rauer
- (008) Title: On the nature of small planets orbiting M dwarfs
Speaker: Rafael Luque
Authors: R. Luque & E. Pallà
- (009) Title: NEOROCKS characterization program of near-Earth asteroids previously observed with radar
Speaker: Julia de León
Authors: J. de León, J. Licandro, M. Popescu, H. Medeiros, David M., N. Pinilla-Alonso, F. Pérez-Toledo, NEOROCKS Team*, Arecibo Planetary Radar Team*

- (010) Title: Mars exploration: current situation and new perspectives
Speaker: Fernando Rull
Authors: Fernando Rull (on behalf of the Exomars Raman and SuperCam-CT teams)
- (011) Title: The KOBE experiment. Modelling activity-induced radial velocities through STELLA/WiFSIP simultaneous photometry
Speaker: Amadeo Castro-González
Authors: Amadeo Castro-González & Jorge Lillo-Box
- (012) Title: ¿Son los pit craters habitables? Análisis geológico y descripción de su potencial estructural como bases lunares.
Speaker: Gabriel López-Martínez
Authors: Gabriel López-Martínez; Laura M. Parro
- (013) Title: RADIO EMISSION FROM STAR-PLANET INTERACTION IN PROXIMA CENTAURI
Speaker: Luis Peña-Moñino
Authors: Luis Peña-Moñino and Miguel Pérez-Torres, on behalf of the SPI-IAA team.
- (014) Title: Numerical simulations of polarized microwave emission from cosmic particles in the upper atmosphere of the Earth
Speaker: Jennifer López-Viejobueno
Authors: Jennifer López-Viejobueno, Leire Beitia-Antero, and Ana Inés Gómez de Castro
- (015) Title: Exoplanet frontiers I: State-of-the-art detections and characterization
Speaker: Enric Pallé
Authors: Enric Pallé
- (016) Title: Characterization of the Martian atmosphere: global model comparison with NOMAD data
Speaker: Francisco González-Galindo
Authors: Francisco González-Galindo, Miguel Ángel López-Valverde, Adrián Brines, Ashimananda Modak, Aurelien Stolzenbach, Bernd Funke, José Juan López-Moreno, Francois Forget, Ehouarn Millour, Franck Lefèvre, Margaux Vals, Franck Montmessin, Manish Patel, Giancarlo Bellucci, and Ann-Carine Vandaele
- (017) Title: Observing M Dwarf flares and their impact on exoplanet habitability from a CubeSat
Speaker: Julien Poyatos
Authors: Julien Poyatos
- (018) Title: 3D Climate modelling of TRAPPIST-1 c with a Venus-like atmosphere: large-scale circulation and observational prospects
Speaker: Gabriella Gilli
Authors: Diogo Quirino, Gabriella Gilli, Thomas Navarro, Martin Turbet, Thomas Fauchez, Pedro Machado

- (019) Title: Formation of structures due to the presence of planets in the discs of young solar-like stars
Speaker: Ada Canet
Authors: Ada Canet & Ana I. Gázquez de Castro
- (020) Title: FFT based algorithm for efficient gravity field calculation: comparison with exact results for polyhedral shape models
Speaker: Manuel Pérez-Molina
Authors: Manuel Pérez-Molina, Adriano Campo-Bagatin, Nair Trãgolo
- (021) Title: Metanol: cambios de fase y cambios estructurales con las variaciones de temperatura
Speaker: Miguel Ángel Satorre
Authors: Miguel Ángel Satorre; Carmina Santonja, Carlos Millán; Ramón Luna; Manuel Domingo
- (022) Title: Effect of the space weather on exoplanet habitability conditions and magnetospheric radio-emission
Speaker: J. Varela
Authors: J. Varela, A. S. Brun, P. Zarka, A. Strugarek, F. Pantellini, and V. Riville
- (023) Title: Search of exoplanets in stellar streams
Speaker: Santiago Iglesias Alvarez
Authors: Santiago Iglesias Alvarez, Enrique Dãez Alonso, Maria Luisa Sánchez Rodríguez, Amadeo Castro González, Javier Rodríguez Rodríguez, César Rodríguez Pereira, Francisco Javier de Cos Juez
- (024) Title: Mineralogical and morphological characterization and optimization of extractive techniques applied to minor bodies of the Solar System
Speaker: Javier Rodríguez Rodríguez
Authors: Javier Rodríguez Rodríguez, Enrique Dãez Alonso, Santiago Iglesias Alvarez, Javier Gracia Rodríguez, Francisco Javier de Cos Juez
- (025) Title: Dynamical masses of two young transiting Neptune-size planets in the young 400 Myr star HD63433.
Speaker: Manuel Mallorquã
Authors: Manuel Mallorquã Dãaz, Nicolas Lodieu, Víctor J. S. Bãjar, Marãa Rosa Zapatero Osorio, Alejandro Suárez Mascareão, Mathias Zechmeister, Enric Pallã, Hugo Tabernerero, Rafa Luque, David Montes, Carlos Cardona Guillã
- (026) Title: Exploring stable lithium isotope (${}^7\text{Li}$) concentration on the lunar surface
Speaker: Susana del Carmen
Authors: Susana del Carmen Fernãndez, Ronny Steeven Anangonã Tutaniã, Javier Fernandez Calleja, Enrique Diez Alonso, De Cos Juez Francisco Javier

(027) Title: New compositional proposals to asteroid (121) Hermione based on spectroscopic and photometric analysis
Speaker: Susana del Carmen
Authors: Susana del Carmen Fernández, Enrique Diez Alonso, Javier Rodríguez Rodríguez, Francisco Javier de Coz Juez

(028) Title: 'Geomorphological characterisation and Spectroscopy analysis of the Gusev and Jezero craters on Mars: Landing sites of NASA's Mars exploration missions.'
Speaker: Ronny Steven Anangonán Tutasig
Authors: Ronny Steven Anangonán Tutasig, Susana del Carmen Fernández, Enrique Diez Alonso, De Cos Juez Francisco Javier

(029) Title: A short-period sub-Earth orbiting Proxima Centauri
Speaker: A. Suárez Mascareño
Authors: A. Suárez Mascareño

(030) Title: Radiative transfer models for protoplanetary disks around binary stars. The case of SVS13 protoplanetary system.
Speaker: Rafael Navarro
Authors: Rafael Navarro, Mayra Osorio