

SEA 2022 - PÓSTERES INSTRUMENTACIÓN Y COMPUTACIÓN

- (001) Title: Pick-off Arm module: CAB contribution to HARMONI-ELT Low Order WaveFront Sensors subsystem.
Speaker: Alberto Estrada
Authors: Alberto Estrada, Heribert Argelaguet, Alonso Álvarez, Santiago Arribas and Miguel Pereira-Santaella, Javier Piqueras
- (002) Title: A Day in the LIFE
Speaker: J. A. Caballero
Authors: J. A. Caballero and the LIFE Consortium
- (003) Title: HARMONI INSTRUMENT CONTROL ELECTRONICS
Speaker: Luis Fernando Rodríguez Ramos
Authors: Luis Fernando Rodríguez Ramos, haresh Chulani, Graciela Delgado, Yolanda Martin, Saúl Menéndez, Teodora Viera
- (004) Title: Optical Fiber Micro-Kelvin Temperature Sensor for Sensitive Optical Payloads
Speaker: Miquel Nofrairas
Authors: S. Silva, D. Roma, J. Salvans, M. Canal, S. Novais, P. Robalinho, O. Frazao, J. Ramos, V. Gualani, S. Sisteró, V. Martín, M. Nofrarias
- (005) Title: CSOA Centro de Sistemas Ópticos Avanzados en el IAC
Speaker: José L. Rasilla Piñeiro
Authors: José L. Rasilla Piñeiro, José A. López Aguerri, Ana B. Fragosó, Carlos Gutiérrez, Félix Gracia, Maider Insausti, Ana Marcos
- (006) Title: Super-resolving J-PLUS images
Speaker: Irene Pintos-Castro
Authors: Irene Pintos-Castro, Andrés del Pino, Eva Cernadas, Manuel Fernández Delgado
- (007) Title: Using cumulative distribution functions to characterize X-ray line complexes
Speaker: Nicolás Cardiel
Authors: Nicolás Cardiel, María Teresa Ceballos, Beatriz Cobo
- (008) Title: Follow-up observations of time-domain science cases at ESO
Speaker: Jesus Corral-Santana
Authors: Jesus M. Corral-Santana and Andera Mehner
- (009) Title: Six years supporting the Athena Community Office
Speaker: Silvia Martínez-Núñez

Authors: Silvia Martínez-Núñez (IFCA), Francisco J. Carrera (IFCA), María Teresa Ceballos (IFCA), Didier Barret (IRAP), Arne Rau (MPE), Enrico Bozzo (ISDC)

(010) Title: MULTIFUNCTIONAL CALIBRATION MODULE MECHANISM FOR HARMONI SPECTROGRAPH at ELT
Speaker: Heribert Argelaguet Vilaseca
Authors: Heribert Argelaguet Vilaseca, Javier Piqueras López, Alberto Estrada Piqueras, Alonso Alvarez Ureña, Noah Schwartz, Marianela Fernandez Rodriguez, Santiago Arribas and Miguel Pereira-Santaella, on behalf of the HARMONI Consortium

(011) Title: VIOMASS: Virtual Observatory Integration Of Madcuba And SLIM Spectra
Speaker: Ricardo Rizzo
Authors: J. R. Rizzo, C. Blanco, J. Martin-Pintado

(012) Title: Convolutional Neural Networks for Galaxy Images Noise Removal and Deconvolution
Speaker: Javier Hernández Afonso
Authors: Javier Hernández Afonso

(013) Title: Light pollution evolution around the CÃes Islands
Speaker: Ana Ulla Miguel
Authors: Ana Ulla Miguel (UVIGO), Carmen Bao-Varela (USC), Salvador BarÃ; (A. AstronÃ³mica Ã¶o), Xabier PÃ©rez-Couto (A. AstronÃ³mica Ã¶o, USC)

(014) Title: HARMONI at ELT: An evolvable software architecture for the instrument pointing model
Speaker: Gonzalo JosÃ© Carracedo Carballal
Authors: Gonzalo JosÃ© Carracedo Carballal, Javier Piqueras LÃ³pez, Fraser Clarke

(015) Title: Present and future of the IRAM 30-meter millimetre telescope
Speaker: Miguel SÃ¡nchez-Portal
Authors: Miguel SÃ¡nchez-Portal

(016) Title: GNU Astronomy Utilities: programs and dynamic libraries for data analysis
Speaker: Mohammad Akhlaghi
Authors: Mohammad Akhlaghi

(017) Title: Dark Sky for Sustainability with Gaia (Gaia4Sustainability)
Speaker: Eduard Masana
Authors: E. Masana, C. Dafonte, X.Luri, M. Manteiga, A. Ulla, J.M. Carrasco, A. Silvelo, S. J. Ribas

- (018) Title: Electrónica de Adquisición de KM3NeT e Instrumentación de Calibración Temporal para Telescopios de Neutrinos Submarinos
Speaker: Diego Real Martínez
Authors: Diego Real Martínez
- (019) Title: Development of the electromechanics and control software of the Calibration Module Subsystem for the HARMONI instrument
Speaker: Alonso Álvarez Urueña
Authors: Javier Piqueras López, Alberto Estrada Piqueras, Heribert Argelaguet Vilaseca, Alonso Álvarez Urueña, Haresh Mangharam Chulani, Marianela Fernández Rodríguez, Santiago Arribas and Miguel Pereira-Santaella, on behalf of the HARMONI Consortium
- (020) Title: The 40m radiotelescope of the Yebes Observatory
Speaker: Miguel Gómez-Garrido
Authors: Miguel Gómez-Garrido, Belén Tercero, Francisco Beltrán, Javier González-García, Juan Daniel Gallego, José Antonio López-Pérez, Félix Tercero, Cristina García-Mirás, Nuria Marcelino, Miguel Santander-García, José Cernicharo, Pablo de Vicente.
- (021) Title: Analysis of Kepler light curves using the wavelet transform to discriminate the astrophysical nature of the eclipsing object
Speaker: Luis Guirado Fuentes
Authors: Luis Guirado Fuentes and Roberto Baena Gallardo
- (022) Title: Preliminary Study of Planetary Protection procedures for future Mars instrumentation development at the University of Vigo
Speaker: Alejandro Ramirez Ramos
Authors: Alejandro Ramírez Ramos, Alejandro Cardesin Moinelo, Ana Ulla Miguel, Andoni Moral Inza, Alicia Berrocal Bravo, Carlos Briones Llorente, Stefano Chiussi, Alejandro Camanzo Mariño, Carmen Sieiro Vázquez, Fernando Aguado Agelet
- (023) Title: Magnetic impact of LEO environment on a magneto-resistive-based measurement system for a CubeSat
Speaker: C. Marín-Moreno
Authors: C. Marín-Moreno, I. Mateos
- (024) Title: Spanish contribution to MOSAIC, the second generation MOS for the ELT
Speaker: Jesus Gallego
Authors: Gallego J., Iglesias J., Gil de Paz A., Castillo A., Ibañez-Mengual JM, MOSAIC team
- (025) Title: The 4m New Robotic Telescope and the Center for Advanced Optics
Speaker: Carlos M. Gutiérrez
Authors: Carlos M. Gutiérrez (on behalf of NRT and CSOA teams)

(026) Title: Fast Radio Bursts: unveiling their local environments
via high-resolution images
Speaker: B. Marcote
Authors: B. Marcote