

Session Program

December 17, 2025



Guaix meeting' 25

[IV GUAIX Scientific Meeting]

Facultad de Ciencias Físicas, 00.xx.0 - Aula Magna M2

Wed, December 17

10:00 AM

[IV GUAIX Scientific Meeting]: Bloque I

Session | **Location:** Facultad de Ciencias Físicas, 00.xx.0 - Aula Magna M2 | **Convener:** Francisco Miguel Montenegro Montes

10:00 - 10:03 AM **Welcome to Guaix**

Speaker

Jesús Gallego Maestro

10:03 - 10:11 AM

Status del proyecto para el desarrollo del instrumento MOSAIC para el telescopio gigante ELT

Speaker

Jesús Gallego Maestro

10:11 - 10:19 AM

Unveiling the nature of a representative sample of Extreme Emission Line Galaxies at intermediate redshift

Speaker

María Delgado Mancheño

10:19 - 10:27 AM

Preliminary results from Dwarfs4MOSAIC: A two-dimensional study of low-mass, high star-formation galaxies at low redshift

Speaker

María Chillarón Víctor

10:27 - 10:35 AM

Dwarf satellite galaxies in zoom-in cosmological simulations of MW-mass halos

Speaker

Ramón Rodríguez Cardoso

10:35 - 10:43 AM **LICA**

Speaker

Armando Gil de Paz

10:43 - 10:51 AM **Galaxias ultradifusas en el cúmulo de Coma con NoiseChisel**

Speaker

Paula Macías Pardo

10:51 - 10:59 AM

Schwarzschild models of the Compact Stellar System M32 with MEGARA@GTC

Speaker

Andrés Beamuz

10:59 - 11:07 AM

Aplicación e implementación del método cáustico con la simulación The300

11:07 AM

Speaker

Beatriz Callejas Córdoba

11:17 AM

[IV GUAIX Scientific Meeting]: Bloque II**Session** | **Location:** Facultad de Ciencias Físicas, 00.xx.0 - Aula Magna M2 | **Convener:** Sergio Pascual

11:17 - 11:25 AM

The new cleanest code in Python**Speaker**

Prof. Nicolás Cardiel

11:25 - 11:33 AM

An analysis of the Star Formation Main Sequence with [Mg/Fe] stellar abundances**Speaker**

Pablo Santos del Peral

11:33 - 11:41 AM

Ética en la Ciencia**Speaker**

M. Angeles Gomez-Flechoso

11:41 - 11:49 AM

Stellar Streams on Numerical Simulations**Speaker**

Asier Lambarri

11:49 - 11:57 AM

Clasificando y caracterizando galaxias enanas para ARRAKIHS**Speaker**

Juba Barrios Ortiz

12:05 PM

12:35 PM

[IV GUAIX Scientific Meeting]: Bloque III**Session** | **Location:** Facultad de Ciencias Físicas, 00.xx.0 - Aula Magna M2 | **Convener:** Mario Chamorro Cazorla

12:35 - 12:43 PM

The MEGARA/GTC view of the multi-phase outflow in the Narrow Line Seyfert 1 galaxy IRAS 17020+4544**Speaker**

Dr Enrica Bellocchi

12:43 - 12:51 PM

The AC3 project: Driving the next generation of European computing infrastructure**Speaker**

Cristina Catalán-Torrecilla

12:51 - 12:59 PM

Dissecting Ionized-Gas Outflows in Nearby Galaxies Using MEGARA/GTC**Speaker**

Pablo Álvarez Martín

12:59 - 1:07 PM

Tracing Embedded Star Formation in NGC 1433 with JWST data**Speaker**

Hamed Zare

1:07 - 1:15 PM

The CATARSIS-SZ pilot project

Speaker

Francisco Miguel Montenegro Montes

1:15 – 1:23 PM

Magnetic fields in the Shapley Supercluster: revisited**Speaker**

David Alonso López

1:23 – 1:31 PM

GUAIX computer resources**Speaker**

Sergio Pascual

1:31 – 1:39 PM

The Metal-THINGS survey: spatially resolved analysis of the Dust-to-gas ratio (DGR), CO-to-H₂ conversion factor (α_{CO}) and metallicity (Z) for low mass galaxies.**Speaker**

Luis Enrique Garduño Puga

1:48 PM