

Session Program

8-11 Oct 2024

Kick-off meeting UNDARK

Galaxies

Instituto de Astrofísica de Canarias, AULA
C. Vía Láctea, s/n, 38205 La Laguna, Santa Cruz de Tenerife

Thursday 10 October

14:00

Galaxies: Local Group

Session |**Location:** Instituto de Astrofísica de Canarias, AULA, C. Vía Láctea, s/n, 38205 La Laguna, Santa Cruz de Tenerife

14:00–14:30

Dark matter inferences from the stellar kinematics of Local Group dwarf galaxies

Speaker

Dr Giuseppina Battaglia

14:30–15:00

Aspects of ultralight dark matter for astrophysical observations

Speaker

Diego Blas

15:00–15:30

Studying the dark matter with stellar streams

Speaker

Dr Guillaume Thomas

15:30–15:45

Probing the Mass Contents of Omega Centauri with kinematic data

Speaker

Mr Andrés Bañares-Hernández

15:45–16:00

DM in the Local Group: the kinematic analyses of dwarf spheroidals

Speaker

Mr Jose María Arroyo

16:00

Friday 11 October

09:15

Galaxies: Extragalactic

Session |

Location: Instituto de Astrofísica de Canarias, AULA, C. Vía Láctea, s/n, 38205 La Laguna, Santa Cruz de Tenerife

09:15–09:45

The properties of DM with the local low-surface brightness universe

Speaker

Prof. Ignacio Trujillo

09:45–10:15

Overview on galactic probes of DM properties

Speaker

Kfir Blum

10:15–10:45

Stellar cores in dwarf galaxies: implications for DM

Speaker

Prof. Jorge Sánchez-Almeida

10:45

11:15

Galaxies

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11:15–11:45

Hydrodynamical simulations of dwarf galaxies and implications for DM

Speaker

Prof. Arianna Di Cintio

11:45–12:00

Where Globular cluster ends meet: Identifying the Tidal Disruption of Globular Clusters

Speaker

Inbar Haviilio

12:00–12:30

News on gravitationally lensed supernovae

Speaker

Prof. Ismael Pérez Fournon

12:30

14:00

Galaxies: Lensing

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14:00–14:30

Gravitational lensing time-delays and implications for DM in galaxies

Speaker

Mr Luca Teodori

14:30–15:00

Quasar Millilensing and cold DM (TNG50) subhaloes

Speaker

Prof. Evencio Mediavilla

15:00-15:30

From Evaporation to Eternity: How Memory Burden Alters Primordial Black Hole Constraints

Speaker

Juan Sebastian Valbuena-Bermudez

15:30