



# Seventeenth Marcel Grossmann Meeting

## Tuesday, 9 July 2024

### Dark matter halos: its nature, modeling & tracers: Tuesday block 1 - Riserva (15:00 - 16:30)

-Conveners: Carlos Raúl Argüelles

time	[id] title	presenter
15:00	[613] Gaia DR3: rotation curve of the Milky Way and the infall epoch of dwarfs	HAMMER, Francois
15:30	[650] Simulating dark matter	ANGULO, Raul
15:55	[79] The observed halo shapes suggest that dark matter deviates from the collisionless cold dark matter paradigm	SANCHEZ ALMEIDA, Jorge
16:20	[323] Stellar streams embedded in a fermionic dark matter halo	COLLAZO, Santiago

### Dark matter halos: its nature, modeling & tracers: Tuesday block 2 - Riserva (17:00 - 18:30)

-Conveners: Carlos Raúl Argüelles

time	[id] title	presenter
17:00	[109] A natural explanation of the VPOS from multistate Scalar Field Dark Matter	Dr MATOS, Tonatiuh
17:25	[385] Bayesian analysis for rotational curves with I-boson stars as a dark matter component	BERNAL BAUTISTA, Argelia
17:45	[384] Thermodynamics sheds light on the nature of dark matter galactic halos	BARRANCO, Juan
18:05	[239] The Baryonic Mass Estimates of the Milky Way Halo in the form of High Velocity Clouds	Dr TAHIR, Noraiz