

Sixteenth Marcel Grossmann Meeting

Wednesday, 7 July 2021

Dark Matter: Beyond LCDM: Block 1 (09:30 - 12:30)

-Conveners: Andreas Krut; Carlos Raúl Argüelles

time	[id] title	presenter
09:35	[547] An excess of small scale strong lenses observed in galaxy clusters	BERGAMINI, Pietro
10:00	[82] Probing the nature of dark matter with Milky Way subhaloes	LOVELL, Mark
10:25	[290] On the Random Motion of Nuclear Objects in a Fuzzy Dark Matter Halo	DUTTA CHOWDHURY, Dhruba
10:50	coffee break	
11:05	[193] Phase transitions in the self-gravitating Fermi gas	CHAVANIS, Pierre-Henri
11:30	[283] Where my DAEMON hides -- The emergence of self-similar cosmic structures	WAGNER, Jenny
11:55	Discussion	

Thursday, 8 July 2021

Dark Matter: Beyond LCDM: Block 2 (16:30 - 19:30)

-Conveners: Andreas Krut; Carlos Raúl Argüelles

time	[id] title	presenter
16:30	[548] Learning the properties of our Galaxy's dark matter with Stellar Streams	IBATA, Rodrigo
16:55	[148] Constraints on the (warm) nature of dark matter from the first billion years	DAYAL, Pratika
17:20	[190] Imaging formation process for DM profiles	CABRERA ROSAS, Omar de Jesús
17:45	coffee break	
17:55	[106] A Multiple-Scales Approach to the Averaging Problem in Cosmology	GINAT, Barry
18:20	[91] Scalar field dark matter as an alternative explanation for the anisotropic distribution of satellite galaxies	SOLÍS LÓPEZ, Jordi
18:45	[874] Dark matter as Planck relics without too exotic hypotheses	BARRAU, Aurélien
19:10	Discussion	