



# Sixteenth Marcel Grossmann Meeting

## Wednesday, July 7, 2021

### Dark Matter: Beyond LCDM: Block 1 (9:30 AM - 12:30 PM)

-Conveners: Andreas Krut; Carlos Raúl Argüelles

time	[id] title	presenter
9:35 AM	[547] An excess of small scale strong lenses observed in galaxy clusters	BERGAMINI, Pietro
10:00 AM	[82] Probing the nature of dark matter with Milky Way subhaloes	LOVELL, Mark
10:25 AM	[290] On the Random Motion of Nuclear Objects in a Fuzzy Dark Matter Halo	DUTTA CHOWDHURY, Dhruba
10:50 AM	coffee break	
11:05 AM	[193] Phase transitions in the self-gravitating Fermi gas	CHAVANIS, Pierre-Henri
11:30 AM	[283] Where my DAEMON hides -- The emergence of self-similar cosmic structures	WAGNER, Jenny
11:55 AM	Discussion	

# Thursday, July 8, 2021

## Dark Matter: Beyond LCDM: Block 2 (4:30 PM - 7:30 PM)

-Conveners: **Andreas Krut; Carlos Raúl Argüelles**

time	[id] title	presenter
4:30 PM	[548] Learning the properties of our Galaxy's dark matter with Stellar Streams	IBATA, Rodrigo
4:55 PM	[148] Constraints on the (warm) nature of dark matter from the first billion years	DAYAL, Pratika
5:20 PM	[190] Imaging formation process for DM profiles	CABRERA ROSAS, Omar de Jesús
5:45 PM	coffee break	
5:55 PM	[106] A Multiple-Scales Approach to the Averaging Problem in Cosmology	GINAT, Barry
6:20 PM	[91] Scalar field dark matter as an alternative explanation for the anisotropic distribution of satellite galaxies	SOLÍS LÓPEZ, Jordi
6:45 PM	[874] Dark matter as Planck relics without too exotic hypotheses	BARRAU, Aurélien
7:10 PM	Discussion	