Sixteenth Marcel Grossmann Meeting

Wednesday, 7 July 2021

Non Standard Cosmological Probes: Block 1 (09:30 - 12:30)

-Conveners: Lorenzo Amati; Michele Moresco

time	[id] title	presenter
09:30	Introduction	
09:40	[354] Cosmology with neutral hydrogen (HI) intensity mapping	POURTSIDOU, Alkistis
10:00	[385] What quasars can tell us on the accelerating Universe	LUSSO, Elisabeta
10:20	[578] Gamma-ray bursts as cosmological probes	IZZO, Luca
10:40	Break	
10:50	[784] The Renaissance of Cosmography: new challenges from non standard cosmological probes	PIEDIPALUMBO, Ester
11:10	[644] Cosmological constraints from Surface Brightness Fluctuations	Dr CANTIELLO, Michele
11:30	[457] Exploring new paths to constrain the expansion history of the Universe with Cosmic Chronometers:	MORESCO, Michele
11:50	[368] A new measurement of the expansion history of the Universe from cosmic chronometers in the LEGA-C survey	BORGHI, Nicola
12:10	Discussion	

Thursday, 8 July 2021

Non Standard Cosmological Probes: Block 2 (16:30 - 19:30)

-Conveners: Lorenzo Amati; Michele Moresco

time	[id] title	presenter
16:30	[391] Standard siren cosmology	HOLZ, Daniel
16:50	[352] Unraveling the Universe with cosmic voids	Dr PISANI, Alice
17:10	[924] Cosmology with the Secular Redshift Drift	DARLING, Jeremy
17:30	[781] Time-delay cosmography: the present and the future	BIRRER, Simon
17:50	Break	
18:00	[312] Constraining neutrino mass using three-point mean relative velocity statistics	KURUVILLA, Joseph
18:20	[873] Constraining cosmological parameters with cosmic environments	BONNAIRE, Tony
18:40	[1018] The results of analysis of Ia supernovae redshift distribution on data of the Asiago Supernova and Open Supernova Catalogues	ARKHANGELSKAJA, Irene
19:00	[269] Closing the cosmological loop with the redshift drift	MARTINS, Carlos
19:20	Discussion	