

Seventeenth Marcel Grossmann Meeting

Monday, 8 July 2024

Current status of the H_0 and growth tensions: theoretical models and model-independent constraints: Monday block 1 -

Tosti (15:00 - 16:30)

-Conveners: Adrià Gómez-Valent; Joan Solà Peracaula

time	[id] title	presenter
15:00	[144] A model independent consistency test between cosmological expansion history and perturbation growth	MARTINELLI, Matteo
15:30	[191] Update on anomalies and cosmological tensions from the latest data sets	Dr DE CRUZ PÉREZ, Javier
16:00	[467] Beyond Early Dark Energy: an EFT-based approach to cosmological tensions	BENEVENTO, Giampaolo

Current status of the H_0 and growth tensions: theoretical models and model-independent constraints: Monday block 2 -

Tosti (17:00 - 18:30)

-Conveners: Joan Solà Peracaula; Adrià Gómez-Valent

time	[id] title	presenter
17:00	[357] Reconstructing Dark Energy	SHAFIELOO, Arman
17:30	[173] On how BAO shape the late-time solutions to the H_0 tension, and the w CDM	Dr GÓMEZ-VALENT, Adrià
18:00	[167] Vacuum dynamics in the Universe: implications on the cosmological tensions	Prof. SOLÀ PERACAUULA, Joan

Tuesday, 9 July 2024

Current status of the H_0 and growth tensions: theoretical models and model-independent constraints: Tuesday block 1 -

Tosti (15:00 - 16:30)

-Conveners: Adrià Gómez-Valent; Joan Solà Peracaula

time	[id] title	presenter
15:00	[475] Prospects in dark energy cosmology through the calibrated E_p - I -Eiso correlation	Prof. PIEDIPALUMBO, Ester
15:30	[227] Cosmology with quasars: what we are after	LUSSO, Elisabeta
16:00	[21] The cosmological observations for a novel and efficient model of dark energy	Dr MATOS, Tonatiuh

Current status of the H_0 and growth tensions: theoretical models and model-independent constraints: Tuesday block 2 -

Tosti (17:00 - 18:30)

-Conveners: Joan Solà Peracaula; Adrià Gómez-Valent

time	[id] title	presenter
17:00	[158] Cosmic chronometers to calibrate the ladders and measure the curvature of the Universe. A model-independent study	FAVALE, Arianna
17:30	[434] Assessing the significance of CMB anomalies with cosmological gravitational waves	GALLONI, Giacomo
18:00	[180] Planckian discreteness in cosmology: Brownian motion of dark matter particles	Mr NASIRI, Arad
18:10	[525] Introducing Bayesian Model Averaging to include model uncertainty in our cosmological parameters' estimates	PARADISO, Simone

Friday, 12 July 2024

Current status of the H_0 and growth tensions: theoretical models and model-independent constraints: Friday block 1 -

Tosti (15:00 - 16:30)

-Conveners: Adrià Gómez-Valent; Joan Solà Peracaula

time	[id] title	presenter
15:00	[152] Combining galaxy catalogs and gravitational wave data to infer cosmological parameters	TAGLIAZUCCHI, Matteo
15:30	[405] Cosmic clocks and cosmic chronometers: constraining the Hubble parameter now and then	TOMASETTI, Elena
15:50	[4] On the uniqueness of Λ CDM-like evolution for homogeneous and isotropic cosmology in General Relativity	GREGORIS, Daniele
16:10	[113] Dark Gravity confronted with Supernovae, Baryonic Oscillations and Cosmic Microwave Background data	HENRY-COUANNIER, Frederic

Current status of the H_0 and growth tensions: theoretical models and model-independent constraints: Friday block 2 -

Tosti (17:00 - 18:30)

-Conveners: Joan Solà Peracaula; Adrià Gómez-Valent

time	[id] title	presenter
17:00	[19] Underestimation of Hubble constant error bars: a historical analysis	LÓPEZ CORREDOIRA, Martín