

Progress on Old and New Themes in cosmology (PONT) 2023

Tuesday, 2 May 2023

Gravitational Waves - Chambre du Trésorier (09:00 - 12:25)

time	[id] title	presenter
09:00	[61] LVK review	GRAY, Rachel
09:35	[60] PTA Review	SHAIFULLAH, Golam Mohiuddin
10:10	[62] GW Beyond-LCDM	BAKER, Tessa
10:45	Coffee break	
11:15	[63] Magnifying the gravitational-wave Universe	EZQUIAGA BRAVO, Jose Maria
11:50	[64] LISA cosmology	CAPRINI, Chiara

Gravitational Waves: Contributed Talks - Chambre du Trésorier (14:00 - 18:30)

time	[id] title	presenter
14:00	[111] Gwfast and the detection of high-redshift black-hole binaries at third generation GW detectors	MANCARELLA, Michele
14:20	[129] Gravitational-wave cosmology with binary black holes as dark sirens in the 3G era	LAGHI, Danny
14:40	[57] Measuring supermassive black hole properties from binary inspirals in LISA	KUNTZ, Adrien
15:00	[44] Constraining cosmological parameters with massive black hole binaries	MANGIAGLI, Alberto
15:20	[128] Modified gravitational-wave propagation with extreme mass-ratio inspirals	LIU, Chang
15:40	[105] Smoking guns of beyond-GR physics in binary mergers	Dr DONEVA, Daniela
16:00	Coffee break	
16:30	[151] Gravitational wave production in higher derivative gravity	TOKAREVA, Anna
16:50	[113] The SGWB produced by MHD turbulence in the early universe	Dr ROPER POL, Alberto
17:10	[106] Real scalar phase transitions: bubble nucleation, nonperturbatively	KORMU, Anna
17:30	[94] Reconstructing phase transitions from future LISA data	HOOPER, Deanna
17:50	[42] Searching for anisotropic stochastic GW backgrounds with constellations of space-based interferometers	CAPURRI, Giulia
18:10	[47] Searching for the Stochastic Gravitational-Wave Background with Ground-Based Detectors	SURESH, Jishnu