

Data analysis challenges for stochastic gravitational wave backgrounds

Thursday, 20 July 2023

LISA SGWB data analysis - 4/3-006 - TH Conference Room (09:00 - 12:35)

-Conveners: Chiara Caprini

time	[id] title	presenter
09:00	[9] Model-independent reconstruction of a stochastic gravitational wave background with LISA	FLAUGER, Raphael
10:00	[10] Stochastic gravitational wave background reconstruction for a non-equilateral and unequal-noise LISA constellation	PIERONI, Mauro
10:55	coffee break	
11:25	[8] Differentiating signal from noise: towards a multivariate spectral analysis for LISA	BAGHI, Quentin
12:20	[25] SGWBs at LISA : some open questions	Dr BAYLE, Jean-Baptiste

LISA SGWB data analysis - 4/3-006 - TH Conference Room (15:00 - 18:00)

-Conveners: Riccardo Buscicchio

time	[id] title	presenter
15:00	[11] Impact of noise knowledge uncertainty for detection and parameter estimation of SGWBs	MURATORE, Martina
15:30	[12] theory and detection of SGWB anisotropies - LISA MAP making	CONTALDI, Carlo
16:30	coffee break	
17:00	[13] discussion : open problems & roadmap	CORNISH, Neil