LISA data analysis: from classical methods to machine learning

jeudi 24 novembre 2022

Conference session 3 (14:00 - 18:00)

time	[id] title	presenter
14:00	[52] MCMC parameter estimation methods for LISA massive black holes	MARSAT, Sylvain
14:30	[28] Importance nested sampling with nessai for gravitational-wave inference	WILLIAMS, Michael
14:45	[26] Massive Black Hole Binary parameter estimation using Masked Autoregressive Flows	MARTIN VILCHEZ, Ivan
15:00	[23] Learning-based models for gravitational wave analysis	LEROY, Elie
15:15	[18] LISA Data Analysis - A Deep Learning Approach	Mlle PISLAN, Florentina-Crenguta
15:30	Coffee break	
16:00	[10] Characterizing Anisotropic Stochastic Gravitational Wave Backgrounds and Foregrounds with the Bayesian LISA Pipeline (BLIP)	CRISWELL, Alexander
16:15	[34] Searching for primordial features with LISA	FUMAGALLI, Jacopo
16:30	[20] Detecting Gravitational Waves from Cosmic Strings with LISA	SURESH, Namitha
16:45	[31] Bayesian inference methods in cosmology with LISA standard sirens	Dr LAGHI, Danny
17:00	[32] Modified Gravity Forecasting with Large Scale Structure in the LISA era, including a Machine Learning analysis	BONILLA RIVERA, Alexander
17:15	[9] Merger-ringdown test -- A novel test of GR using a machine learning implementation	BHAGWAT, Swetha
17:30	[16] On the edge of quantum black holes	ABEDI, Jahed
17:45	[14] Determining the Individual Masses of Accreting White Dwarf Binaries	YI, Sophia