

Belgian-Dutch Gravitational Wave Meeting 2022

Thursday 13 October 2022

Data Analysis and Observations - Vergaderzaal 2.3 August Vermeulen (13:50 - 15:30)

-Conveners: Maria Haney

time	[id] title	presenter
13:50	[7] The Quest of Substellar-mass (Primordial) Black Holes	CLESSE, Sebastien
14:10	[17] Gravitational-wave constraints on the GeV excess in the galactic center	MILLER, Andrew
14:20	[14] Stochastic Gravitational-Wave Background and Pulsar Glitches	DE LILLO, Federico
14:30	[21] Model-independent searches for anisotropic stochastic gravitational wave background	SURESH, Jishnu
14:40	[12] Neural ratio estimation for precision analysis of GW signals	BHARDWAJ, Uddipta
14:50	[16] REMOTE: Tests of sub-dominant mode amplitude structure of Binary black hole coalescences	KALAGHATGI, Chinmay
15:00	[20] Unraveling information about supranuclear-dense matter from the complete binary neutron star coalescence using future gravitational-wave detector networks	PUECHER, Anna
15:10	[9] Correcting biases from overlapping signals in the third generation era: parameter estimation methods	BAKA, Tomasz

Data Analysis and Observations - Vergaderzaal 2.3 August Vermeulen (15:55 - 17:30)

-Conveners: Tjonnje Li

time	[id] title	presenter
15:55	[15] On the identification of strongly-lensed gravitational waves	JANQUART, Justin
16:05	[19] Identification of strongly lensed gravitational-wave pairs with deep learning	OFFERMANS, Arthur
16:15	[18] Constraining deviations from general relativity using quadruply lensed gravitational waves	NAROLA, Harsh
16:25	[13] Galaxy catalogs for electromagnetic follow-up and cosmology	DÁLYA, Gergely
16:35	[24] The impact of galaxy redshift uncertainty models on the Hubble constant from gravitational waves	TURSKI, Cezary
16:45	[23] Detectability of a spatial correlation between stellar mass black hole mergers and Active Galactic Nuclei	VERONESI, Niccolò
16:55	[30] Wave-optics limit of the stochastic gravitational wave background	GAROFFOLO, Alice
17:05	[10] Prospects of testing late-time cosmology with weak lensing of gravitational waves and galaxy surveys	BALAUDDO, Anna
17:15	[11] Probing the Large Scale Structure of the Universe using Gravitational Waves	BEIRNAERT, Freija