

Belgian-Dutch Gravitational Wave Meeting 2023

Monday, 23 October 2023

Astrophysics & Cosmology: Plenary - B0.001 (14:00 - 15:30)

time	[id] title	presenter
14:00	[59] Short interview Ed van den Heuvel on early days of GW Astronomy	
14:15	[6] Binary star channels of stripped-envelope supernovae.	WILLCOX, Reinhold
14:30	[4] First observational constraints on the GW-AGN connection through spatial correlation analysis.	VERONESI, Niccolò
14:45	[37] Evaluating the GW detectability of stellar populations using BPASS and LEGWORK	VAN ZEIST, Wouter
15:00	[60] GW afterglow searches with MeerKAT, VLA and EVN radio telescopes	VAN LEEUWEN, Joeri

Tuesday, 24 October 2023

Astrophysics & Cosmology: Parallel 1 - B0.001 (09:00 - 10:30)

time	[id] title	presenter
09:00	[7] Can the gravitational wave background feel wiggles in spacetime?	YE, Gen
09:15	[12] First order phase transitions in the early universe and quantizing particles across the wall	VANVLASSELAER, Miguel
09:30	[43] Ringdown of rotating black holes in higher-derivative gravity	MAENAUT, Simon
09:45	[15] Tidal properties of neutron stars in scalar-tensor theories of gravity	CRECI, Gastón
10:00	[22] Machine learning algorithms for the conservative-to-primitive conversion in relativistic hydrodynamics	WOUTERS, Thibau
10:15	[50] Simulation of the gravitational-wave emission of core-collapse supernovae	OFFERMANS, Arthur

Astrophysics & Cosmology: Parallel 2 - B0.001 (11:00 - 12:30)

time	[id] title	presenter
11:00	[49] Impact of Physically Motivated Calibration Errors on Core-Collapse Supernova Searches	WILS, Milan
11:15	[27] Towards Precision Cosmology with Galaxy Catalogues	DÁLYA, Gergely
11:30	[42] Luminosity of the darkness	TURSKI, Cezary
12:00	[29] Gravitational lensing of standard sirens: a systematic effect on cosmological parameters' estimation.	CANEVAROLO, Sofia
12:15	[41] Clustering of gravitational waves in LCDM and effective field theories of gravity	BALAUDDO, Anna

Astrophysics & Cosmology: Plenary 2 - B0.001 (14:30 - 15:30)

time	[id] title	presenter
14:30	[17] Hunting for gravitational waves in the era of cosmic dawn	DAYAL, Pratika
14:45	[21] The Steady State Population of Intermediate-Mass Black Holes Near a Supermassive Black Hole	HOCHART, Erwan
15:00	[52] Cosmological inference using the Line Of Sight Redshift Prior	BEIRNAERT, Freija
15:15	[47] Angular power spectra of anisotropic stochastic gravitational wave background: Developing statistical methods and analyzing data from ground-based detectors	AGARWAL, Deepali