

Sixteenth Marcel Grossmann Meeting

Tuesday, 6 July 2021

Sources of Gravitational Waves: Block 1 (06:30 - 09:30)

-Conveners: Andrew Melatos

time	[id] title	presenter
06:30	[495] Recent searches for continuous gravitational waves and the implications	SUN, Ling Dr PAPA, Maria Alessandra
07:10	[220] Searches for continuous gravitational waves from young supernova remnants in the early third observing run of Advanced LIGO and Virgo	STRANG, Lucy
07:30	[384] Gravitational wave signatures of magnetic field generation in core collapse supernovae	MUELLER, Bernhard
08:00	[704] Joint Analysis Method on Gravitational Waves and Low-Energy Neutrinos to Detect Core-Collapse Supernovae	Dr HALIM, Odysse
08:20	[281] Deep learning for Core-Collapse Supernova detection	Dr DI PALMA, Irene
08:40	[198] Hunting for the Stochastic Gravitational-Wave Background	SAKELLARIADOU, Mairi
09:10	[255] Gravitational waves from neutrino mass generating phase transitions	SETO, Osamu

Wednesday, 7 July 2021

Sources of Gravitational Waves: Block 2 (09:30 - 12:30)

-Conveners: Andrew Melatos; Liam Dunn

time	[id] title	presenter
10:10	[690] Search for gravitational waves from Scorpius X-1 in the third observing run of Advanced LIGO	VARGAS, Andrés
10:30	[852] Discriminating between correlated magnetic noise and a gravitational-wave background	MEYERS, Patrick

Thursday, 8 July 2021

Sources of Gravitational Waves: Block 3 (16:30 - 19:30)

-Conveners: Andrew Melatos

time	[id] title	presenter
16:30	[406] Physical insights from multi-messenger observations of compact binary mergers and their afterglows	VAN EERTEN, Hendrik
17:00	[916] Searching gravitational wave signals in the post-merger phase after a binary black hole coalescences.	LAZZARO, Claudia
17:20	[787] Importance of stable mass transfer and stellar winds for the formation of gravitational waves sources	DOROZSMAI, Andras
17:40	[99] Constraining the NS EOS with merger and post-merger gravitational wave signals	CHATZIOANNOU, Katerina
18:10	[715] Modelling neutron-star mountains	GITTINS, Fabian
18:30	[1056] The phenomenology of late binary black hole gravitational waves via black hole perturbation theory	HUGHES, Scott
19:00	[296] Measuring Individual Masses of Binary White Dwarfs with Space-based Gravitational-wave Interferometers	WOLZ, Anna

Friday, 9 July 2021

Sources of Gravitational Waves: Block 4 (06:30 - 09:30)

-Conveners: Andrew Melatos

time	[id] title	presenter
06:30	[397] Spin misalignment of black hole binaries from young star clusters: implications for the origin of GWTC-2 events	TRANI, Alessandro
06:50	[913] The IMRPhenom program: accurate and computationally efficient waveform models for compact binary gravitational wave signals	ESTELLÉS, Hector
07:10	[973] A fast and flexible method to detect higher order modes in the inspiral phase of compact binary coalescences.	SALEMI, Francesco
07:30	[837] GW190521: an intermediate-mass black hole observed with minimal assumptions	SZCZEPANCZYK, Marek
07:50	[908] Jointly setting upper limits on multiple components of an anisotropic stochastic gravitational-wave background	SURESH, Jishnu
08:10	[974] Searching for Gravitational Waves from Scorpius X-1	ZHANG, Yuanhao
08:30	[222] Neutron Star Mountain Creation]{Mountain formation by repeated, inhomogeneous crustal failure in a neutron star	Mr KERIN, Alex
08:50	[655] Efficiency of registration of chirp bursts and signals of collapsing stars by the Euro-Asian network of GW interferometers	Mr KRICHESVKIY, Daniil
09:10	[939] Detecting planetary-mass primordial black holes with resonant electromagnetic gravitational-wave detectors	HERMAN, Nicolas