

Sixteenth Marcel Grossmann Meeting

Monday, 5 July 2021

Numerical Relativity and Gravitational Wave Observations: Block 1 (16:30 - 19:30)

-Conveners: Nigel Bishop

time	[id] title	presenter
16:30	[554] Hyperbolicity of General Relativity in null foliations	GIANNAKOPOULOS, Thanasis
16:50	[700] Einstein Field Equations in Spherical Symmetry on Hyperboloidal Slices: Dual Foliation Formulation	GAUTAM, Shalabh
17:10	[514] Eccentric binary black hole surrogate models for the gravitational waveform and remnant properties: comparable mass, nonspinning case	ISLAM, Tousif
17:30	[561] Matter shells modifying gravitational wave signals	NAIDOO, M
17:50	[650] Gravitational-wave signatures of the hadron-quark phase transition in binary compact star mergers	HANAUSKE, Matthias
18:10	[186] Dynamics of Quadratic Gravity in Spherical Symmetry	LIM, Hyun
18:30	[689] Memory-like effects due to relative velocity and acceleration	GRANT, Alexander

Thursday, 8 July 2021

Numerical Relativity and Gravitational Wave Observations: Block 2 (16:30 - 19:30)

-Conveners: Nigel Bishop

time	[id] title	presenter
16:30	[322] An optimised PyCBC search for gravitational waves from intermediate-mass black hole mergers	CHANDRA, Koustav
16:50	[878] The detectability of long-duration gravitational wave signals	FESIK, Liudmila
17:10	[877] Localisation of a long-duration gravitational wave signal in time	FESIK, Liudmila
17:30	[758] Intermediate mass black hole search in LIGO-Virgo's third observing period	V, Gayathri
17:50	[820] Optimization of model independent gravitational wave search using machine learning	MISHRA, Tanmaya
18:10	[509] Learning orbital dynamics of binary black hole systems from gravitational wave measurements	FIELD, Scott
18:30	[922] Odd-dimensional gravitational waves from the binary system on three-brane	KHLOPUNOV, Mikhail