

The 32nd Texas Symposium on Relativistic Astrophysics

Monday, 11 December 2023

GW Astrophysics: 13:30, Monday - Hall # 10 (13:40 - 15:20)

-Conveners: Zhen Pan

time	[id] title	presenter
13:40	[70] Distortion of gravitational-wave signals by astrophysical environments	CHEN, Xian
14:00	[71] Effective-One-Body Numerical-Relativity waveform model for Eccentric spin-precessing binary black hole coalescence	CAO, Zhoujian
14:20	[26] gravitational waveforms and sciences with binary-extreme-mass-ratio inspirals	HAN, Wenbiao
14:40	[177] Electromagnetic counterparts of neutron star mergers	BELOBORODOV, Andrei
15:00	[248] The Observational Signatures of Tertiary-Induced Mergers	SU, Yubo
15:10	[123] BH binary formation in AGN disks: dynamics, hydrodynamics, and GW signatures	LI, Jiaru

Tuesday, 12 December 2023

GW Astrophysics: 14:00, Tuesday - Hall # 10 (13:40 - 15:20)

time	[id] title	presenter
13:40	[160] Neutron star mergers, kilonovae, and the synthesis of heavy elements	SIEGEL, Daniel
14:00	[27] GW170817B - THE FIRST DIRECT DETECTION OF GRAVITATIONAL WAVES ASSOCIATED WITH A GRB	VAN PUTTEN, maurice
14:20	[102] On the Formation of Double Neutron Stars in the Milky Way Galaxy	Prof. LI, Xiangdong
14:40	[249] Testing the importance of the AGN channel for stellar binary black hole mergers	Prof. ROSSI, Elena Maria
14:50	[222] Black hole mergers and accretion in AGN disks	Dr LI, Yaping
15:00	[1] Probing stellar mass black hole orbits deep in galactic nuclei with quasi-periodic eruptions	PAN, Zhen

Thursday, 14 December 2023

GW Astrophysics: 14:00, Thursday - Hall # 10 (13:40 - 15:20)

time	[id] title	presenter
13:40	[69] Extreme Mass Ratio Inspirals: Formation, Dynamics and Astrophysical Applications	YANG, Huan
14:00	[77] Electromagnetic emission from merging black hole binaries	HAIMAN, Zoltan
14:20	[305] 3D Dynamics of Embedded Stellar-Mass Binary Black Holes within AGN Disks and their Feedback Effects	Prof. LI, Hui
14:40	[87] Superradiant clouds in binaries	ZHANG, Jun
14:50	[105] Disappearing thermal X-ray emission as a tell-tale signature of merging massive black hole binaries	KRAUTH, Luke
15:00	[164] Gravitational Waves from Coalescing Black Hole Binaries in Observed Early Quasar Populations	INAYOSHI, Kohei
15:10	[268] Uncovering a hidden black hole binary from secular eccentricity variations of a tertiary star	LIU, Bin

Friday, 15 December 2023

GW Astrophysics: Friday - Hall # 10 (08:40 - 10:20)

time	[id] title	presenter
08:40	[282] Probing the Origin of Black Hole Binary Mergers with Gravitational Wave Modulations	Prof. SAMSING, Johan
09:00	[196] Future facilities for electromagnetic observations of dual and binary SMBHs	LIU, Xin
09:20	[259] Gravitational Lensing of Gravitational Wave Events and Their Applications	Prof. LU, Youjun
09:40	[183] Shape eccentricity and the moment of inertia for rotating neutron stars	SHAO, Lijing
10:00	[73] GW Results from the European Pulsar Timing Array	CHEN, Siyuan
10:10	[81] Testing fundamental physics with PTA and astrometry measurements of stochastic gravitational wave background	LIN, Meng-Xiang