

The 32nd Texas Symposium on Relativistic Astrophysics

Monday, 11 December 2023

Plenary Talk: Monday 08:40 - Ballroom (08:40 - 10:20)

-Conveners: Dong Lai

time	[id]	title	presenter
08:40	[290]	TDLI Director Welcome	Prof. ZHANG, Jie
08:45	[327]	The First Texas Symposium on Relativistic Astrophysics: A Historic Perspective, Sixty Years Later (online)	Prof. THORNE, Kip
09:10	[328]	The Kerr Solution, Black Holes, Quasars and Beyond (online)	Prof. KERR, Roy
09:30	[279]	Advances and challenges in solving the two-body problem in General Relativity	Prof. BUONANNO, Alessandra

Plenary Talk: Monday 10:50 - Ballroom (10:50 - 12:30)

-Conveners: Ue-Li Pen

time	[id]	title	presenter
10:50	[104]	The Future of Black Hole Imaging	GAMMIE, Charles
11:40	[199]	The Discovery of Fast Radio Bursts	BAILES, Matthew

Tuesday, 12 December 2023

Plenary Talk: 08:40, Tuesday - Ballroom (08:40 - 10:20)

-Conveners: Jane Dai

time	[id]	title	presenter
08:40	[286]	Supermassive Black Holes at the Centers of Galaxies	MA, Chung-Pei
09:30	[257]	Applied Black Hole Dynamics: Transients from Galactic Nuclei	STONE, Nicholas

Plenary Talk: 10:50, Tuesday - Ballroom (10:50 - 12:35)

-Conveners: Dong Lai

time	[id]	title	presenter
10:50	[217]	Neutron Star Mergers: New Frontiers in Computational Relativistic Astrophysics	MOST, Elias
11:40	[185]	The First Evidence for Nanohertz-frequency Gravitational Waves	TAYLOR, Stephen
12:15	[275]	CPTA progress and DR1.0	LEE, keja

Wednesday, 13 December 2023

Plenary Talk: 08:40, Wednesday - Ballroom (08:40 - 10:20)

-Conveners: Bing Zhang

time	[id]	title	presenter
08:40	[25]	The Landscape of Relativistic Stellar Explosions	HO, Anna
09:30	[150]	Plasma astrophysics of high-energy environments	SPITKOVSKY, Anatoly

Plenary Talk: 10:50, Wednesday - Ballroom (10:50 - 12:30)

-Conveners: Shuang-Nan Zhang

time	[id]	title	presenter
10:50	[253]	Cosmic-Ray Super-PeVatron and Other Discoveries by LHAASO	Prof. CAO, zhen
11:40	[171]	Particle acceleration: theory versus observations	Prof. AHARONIAN, Felix

Thursday, 14 December 2023

Plenary Talk: Thursday - Ballroom (08:40 - 10:20)

-Conveners: Pengjie Zhang

time	[id]	title	presenter
08:40	[265]	Cosmic Structure and the Nature of Dark Matter	WHITE, Simon
09:30	[49]	Cosmology with large-scale structure	HOEKSTRA, Henk

Plenary Talk: Thursday - Ballroom (10:50 - 12:30)

-Conveners: Xiaohu Yang

time	[id]	title	presenter
10:50	[246]	Dark matter laboratory search overview	LIU, Jianglei
11:40	[256]	A minimal SM/LCDM cosmology	TUROK, Neil