



# The 32nd Texas Symposium on Relativistic Astrophysics

## Monday, 11 December 2023

Astroparticle: 13:30, Monday - Hall # 1 (13:40 - 15:20)

-Conveners: Donglian Xu

time	[id]	title	presenter
13:40	[322]	Neutrino astronomy, astrophysical neutrino flavor ratio and BSM physics	ARGÜELLES-DELGADO, Carlos
14:05	[189]	Multimessenger View of High-Energy Cosmic Neutrino Sources	MURASE, Kohta
14:30	[143]	High-energy neutrino emission from GRMHD accretion flows onto supermassive black holes	KAWASHIMA, Tomohisa
14:42	[172]	Presupernova and Supernova Neutrinos	Prof. QIAN, Yongzhong
15:07	[167]	The féeton (B-L gauge boson) dark matter and its prediction in low-energy neutrino astronomy	LIN, Weikang

# Tuesday, 12 December 2023

Astroparticle: 14:00, Tuesday - Hall # 1 (13:40 - 15:20)

-Conveners: Gwenael Giacinti

time	[id] title	presenter
13:40	[313] VHE-UHE Gamma-rays from Relativistic Galactic Sources	Prof. HINTON, Jim
14:05	[72] LHAASO results on PeVatrons and Pulsar Wind Nebulae	LIU, Ruoyu
14:30	[50] Particle Acceleration in Pulsar Wind Nebulae	BUCCIANINI, Niccolò
14:55	[252] Gamma-ray binaries at very-high-energies: particle acceleration and non-thermal emission	CHEN, Shangming
15:07	[117] Multi-messenger Study of Galactic Diffuse Emission with LHAASO and IceCube Observations	SHAO, Chengyu

# Wednesday, 13 December 2023

Astroparticle: 13:30. Wednesday - Hall # 1 (13:40 - 15:20)

-Conveners: Gwenael Giacinti

time	[id] title	presenter
13:40	[179] Toward an understanding of Galactic PeVatrons	FANG, Ke
14:05	[173] Transport of relativistic particles observed in the parsec-scale jets of SS 433	OLIVERA-NIETO, Laura
14:30	[31] High-energy non-thermal emission from local young massive stellar clusters	CELLI, Silvia
14:42	[36] Galactic Black Holes as PeVatrons and sub-PeV gamma-ray sources	KIMURA, Shigeo
15:07	[35] Origin and Cosmic Ray Acceleration in Fermi Bubbles and Other High Energy Phenomena at the Galactic Center	GUO, Fulai

## Friday, 15 December 2023

Astroparticle: Friday - Hall # 1 (08:40 - 10:20)

-Conveners: Hao Zhou

time	[id] title	presenter
08:40	[45] LHAASO observations of the BOAT GRB 221009A	WANG, Xiang-Yu
09:05	[245] Extreme particle acceleration at AGN jet termination shocks	GIACINTI, Gwenael
09:17	[174] A parameter study of the hadronic synchrotron mirror model on 3C279	DE JONGE, Laenita
09:29	[283] H.E.S.S. observations of composite Seyfert—starburst galaxies	CHEN, Andrew
09:41	[169] Constraining the Sources of UHECRs	FARRAR, Glennys
10:06	[120] Arguments in Favor of Cluster Accretion Shocks as the Source of Ultra-High-Energy Cosmic Rays	Dr SIMEON, Paul