

2025

(ASROC Annual Meeting)

Friday, May 16, 2025

High-energy astrophysics - Room CMA0104 (5:15 PM - 6:15 PM)

-Conveners: Ching-Ping Hu

time	[id] title	presenter
5:15 PM	[111] Investigating UV Spectral Differences in Early-Time and Near-Peak Type Ia Supernovae	BHATTACHARJEE, Snehasish
5:30 PM	[107] Accelerated Parameter Estimation of Kilonova Implementing Conditional Variational Autoencoder	SAHA, Surojit
5:45 PM	[23] Neural Networks for Parameter Estimation of Orphan Afterglows in Rubin and Roman Data	KOON, Damien POTHIWALA, Krupa

Saturday, May 17, 2025

High-energy astrophysics - Room CMA0104 (1:45 PM - 3:30 PM)

-Conveners: Hung-Yi Pu

time	[id] title	presenter
1:45 PM	[160] Statistical Inference of Fast Radio Burst Environments Using Galaxy Number Density: Similarities Between CHIME Repeaters and Non-Repeaters	VAVILLAKULA VENKATARAMANA RAO, Vignesh
2:00 PM	[12] Anti-correlation between Flux and Photon Index of Hard X-ray Emission from The Crab	AUGUSTINE, Koothodil Abhijith
2:15 PM	[42] Properties of Double-Outbursts of MAXI J1834-021 In 2023	DEBNATH, Dipak
2:30 PM	[25] Two Possible Optical--X-Ray Anti-Correlations of PSR J1023+0038	AU, Ka Yui
2:45 PM	[116] Simultaneous observations of an active repeater FRB 20240114A with Lulin One-meter Telescope and FAST	HASHIMOTO, Tetsuya
3:00 PM	[32] The Stability of Superorbital Period of Low-mass X-ray Binary 4U1820-30	WU, Jun-Lei
3:15 PM	[93] The stellar size and morphology of X-ray-selected Active Galactic Nuclei Observed with JWST.	VIJARNWANNALUK, Bovornpratch

High-energy astrophysics - Room CMA0104 (4:15 PM - 6:00 PM)

-Conveners: Hsiang-Yi Karen Yang

time	[id] title	presenter
4:15 PM	[143] Exploring Core-Collapse Supernovae with GPU Acceleration Code GAMER: Dynamics, Magnetism, Gravitational Waves	SONG, Inhyeok
4:30 PM	[72] Impact of r-Process Heating on Disk Outflows from Neutron Star Mergers	MA, Li-Ting
4:45 PM	[49] The Dzhaniybekov Effect and Acceleration of Highest-Energy Cosmic Rays in Magnetars	WADA, Tomoki
5:00 PM	[134] Simulating AGN feedback in galaxy clusters with pre-existing turbulence	LI, Jia-Lun
5:15 PM	[95] Time-dependent polarisation of radio emission from AGN jets during the neutrino flare episodes	YAP, Yee Xuan
5:30 PM	[132] Effects on polarization properties of radio galaxies by magnetized AGN jets	ZHENG-XIAN, Hsu
5:45 PM	[147] Iliad: A GPU-Based General Relativistic Monte Carlo Radiative Transfer Code in Kerr Spacetime	PU, Hung-Yi