



# 2025 (ASROC Annual Meeting)

## Saturday, May 17, 2025

### Solar system and exoplanets - Room CMA0103 (1:45 PM - 3:30 PM)

-Conveners: Wei-Ling Tseng

time	[id] title	presenter
1:45 PM	[112] Modeling Streamer Structures in Collapsing Prestellar Cores	CHUANG, Tsung-Han
2:00 PM	[110] What If Planet Nine Is Currently Near Its Perihelion?	Mr PHAN, Terry Long
2:15 PM	[64] Detecting a Possible Planetary companion of HAT-P-12b through Transit Timing Variations.	PARTHASARATHY, Kaviya
2:30 PM	[85] Observations and Comparative Analyses of Sodium in Mercury's and the Moon's Exospheres	HSU, Chen-Yen
2:45 PM	[54] Transit Timing Variations of an Ultra-Short-Period Hot Jupiter WASP-18Ab	LIU, Hsin-Min
3:00 PM	[149] The Dynamical Evolution of Centaur with Considering the Non-Gravitational Force	CHENG, Yu-Chi
3:15 PM	[45] Simultaneous Multi-site, Multi-wavelength, and Multi-messenger Monitoring of the Nearby Red Dwarf GJ 3147	TAI, Chen Yu