

Session Program

May 15 - 17, 2026



中華民國天文學會
The Astronomical Society of the Republic of China (Taiwan)

2026 天文年會 (ASROC Annual Meeting)

Supernova and exotic transients

College of Hakka Studies at NYCU, Zhubei, Hsinchu County 國立陽明交通大學客家學院(竹北六家校區)
No. 1, Sec. 1, Liujia 5th Rd., Zhubei City, Hsinchu County 302, Taiwan 30272新竹縣竹北市六家五路一段1
號

Fri, May 15

4:30 PM

Supernova and exotic transients

Session |

Location: International Conference Hall, College of Hakka Studies, NYCU 國立陽明交通大學客家文化學院國際會議廳 |

Convener: Yen-Chen Pan

4:30 – 4:45 PM

SN 2024ahr: A Type-Ic Superluminous Supernova Featuring a Rare Pre-Peak Bump and Exceptional Nickel Production.

Speaker

Aiswarya Sankar Kachiprath

4:45 – 5:00 PM

The Role of Binary Interaction in Shaping Supernova and CSM Properties

Speaker

Sung-Han Tsai

5:00 – 5:15 PM

Impact of chiral neutrino radiation on core-collapse supernova dynamics

Speaker

Chang-Mao Yang

5:15 – 5:30 PM

Binary Pathways to Fast-Rotating Core-Collapse Supernova Progenitors through Chemically Homogeneous Evolution and Common Envelope Tidal Spin-Up

Speaker

Yo-Yo Chu

5:30 – 5:45 PM

Exploring the spectral characteristics of Type Ia supernovae and their relationship with host galaxies

Speaker

Cheng-Han Lai

5:45 – 6:00 PM

Probing unburned Carbon in White Dwarf Explosions: SN 2022xlp in the Context of Thermonuclear Supernovae

Speaker

Anirban Dutta

6:00 – 6:15 PM

Tracing Progenitor and Explosion Properties of Type Ia Supernovae with Swift Ultraviolet Spectra

Speaker

Snehasish Bhattacharjee

6:15 PM