



NCTS-TCA mini-workshop 2025

4F Lecture Hall, Cosmology Hall, NTU, Taipei

July 1st-3rd, 2025

Join the 3-day workshop as part of the summer student program organized by the Theoretical and Computational Astrophysics (TCA) group of NCTS.

- Aim: offering introductory lectures and research overviews in the field of TCA
- Target: undergraduate and junior graduate students
- **Deadline: June 15th**

Register here:



| Time | Day 1 (7/1) | Day 2 (7/2) | Day 3 (7/3) |
|--|---|--|---|
| 10:20 - 10:30 | Opening | -- | -- |
| 10:30 - 12:00 (Lecture) | Astrophysical Fluid Dynamics Chia-Yu Hu (NTU) | Numerical Simulations Frantisek Dinnbier (NTNU) | Radiative Processes & Transport Sheng-Yuan Liu (ASIAA) |
| 12:00 - 13:30 | Lunch | | |
| 13:30 - 15:00 (Research Overview 1) | Planet Formation & Exoplanets Shang-Min Tsai (ASIAA) | Supernovae Tomoki Matsuoka (ASIAA) | Galaxies Hsi-An Pan (TKU) |
| 15:00 - 15:30 | Coffee break | | |
| 15:30 - 17:00 (Research Overview 2) | Star Formation Seamus Clarke (NCKU) | Black Holes Ishika Palit (NTHU) | Cosmology Tomomi Sunayama (ASIAA) |