

JULY 01 - AUGUST 31, 2021

# NCTS-TCA Summer Student Program 2021

## 理論計算天文暑期學校

*National Center for Theoretical Sciences,  
Taipei, Taiwan*

### Purpose

The Theoretical and Computational Astrophysics (TCA) Group at the National Center for Theoretical Sciences hosts its first undergraduate summer student program in 2021. This program aims to provide research experiences to undergraduate students and equip them with basic theoretical and computational skills. Students will be working under the supervision of domestic astrophysicists, on a wide range of topics from cosmology to planet formation. Frontier techniques in astronomy, problem solving skills, and numerical programming will be learned during this program. Participants are required to present their results publicly at the end of the program. Further continuation of the research project after the summer program can be possible.

### Program

- July 05 - 07: The summer program will start with a 3-day workshop. Lectures on basic astrophysics and research overview will be provided. The final program will be released shortly before the beginning of the program. This training course is open to the general public.
- July 01 - August 31: During the 8-week program, participants will work on their research topics with their supervisors at respective institutes. Local activities may be arranged by the supervisors.
- August 30-31: Final public oral presentation.

▲ Descriptions of possible projects can be found on the program website.

- Eligibility: Undergraduate students currently enrolled ( including those who will graduate this summer ). Due to the pandemic situations, students requiring a visa to enter Taiwan are not eligible this year
- Registration deadline: May 15, 2021
- Announcement of admitted applicants: May 31, 2021

