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🔍 Future Insight Talk Series:  
**Exploring the Mysteries  
of the Universe**

Dr CHAN Man Ho

Associate Professor, Department of Science and Environmental Studies,  
The Education University of Hong Kong



**Application Deadline**

**5 Jun 2023**

**12:00 noon**

### **Intended Learning Outcomes**

Upon completion of the programme, participants should be able to:

1. relate the importance of background knowledge in physics and mathematics to astrophysical research;
2. describe the job nature of astrophysicists and the required personal attributes;
3. recognise the challenges ahead in the field of astronomy and astrophysics.



## ◆ Introduction

Astrophysicists explore and discover the secrets of the universe. Do astrophysicists need to observe stars all the time? What do astrophysicists work on? Generally speaking, astrophysicists engage in research activities about astronomy and astrophysics. They are required to learn new astronomical knowledge and physics theories and analyse astronomical data to enrich our understanding about the universe.

In this talk, the speaker will share his experiences on working as an astrophysicist in Hong Kong, some frontier topics and mysteries in astrophysics will also be discussed. Then, he will provide some guidelines and pathways for young people who would like to become an astrophysicist. As the speaker has engaged in a number of science popularisation activities (e.g., TV/YouTube talk shows), related experiences will also be shared.

The speaker Dr CHAN Man Ho is an Associate Professor at the Department of Science and Environmental Studies, the Education University of Hong Kong. He has two PhD degrees (astrophysics and philosophy). His research interests include astrophysics, cosmology, philosophy of science, philosophy of religion, dialogue between science and religion, and STEM education. He is currently an elected fellow of the International Society for Science and Religion, and an expert adviser of the Hong Kong Space Museum. Besides, he worked as a guest host of a number of TV/YouTube talk shows (e.g., RTHK TV31: 五夜講場-真係好科學, 五夜講場-學人串社科). In 2022, he received the Humanities and Social Sciences Prestigious Fellowship from the University Grants Committee.

## ◆ Schedule

Session	Date	Time	Venue
1	17 Jul 2023 (Monday)	10:30 a.m. – 12:00 noon (Please arrive at 10:15 a.m. for registration)	Room 403, HKAGE

## ◆ Target Participants

- S1 – S6 HKAGE student members in 2022/23 school year.
  - Class size: 80
- \* First-come, first-served.

## ◆ Medium of Instruction

Cantonese

## ◆ Certificate

E-Certificate will be awarded to participants who have attended the talk.



This talk is one of the items in the four domains of the Holistic Talk Series. The objective is to facilitate the all-round development of student' gifted potential.



**The Hong Kong Young Academy of Sciences (YASHK) talk series**

Talks are about emerging technology to inspire students' motivation in pursuing knowledge in specialized areas.



**Academic Introductory Talk Series**

Introduce trendy topics to widen the students' horizons.



**Celebrities Talk Series**

Celebrities share their life-changing moments to enhance students' aspirations for life.



**Future Insight Talk Series**

Professionals explain the latest trend in their industry to give students an insight to plan their future.