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🔍 Future Insight Talk Series

# A Brief History of the Universe

Dr Kenny C. Y. NG

Assistant Professor, Department of Physics, The Chinese University of Hong Kong



## Intended Learning Outcomes

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

1. Acquire basic knowledge on cosmology;
2. Recognize the significance of physics research in advancing scientific knowledge.

**Application Deadline**

**22 Jan 2024**

**12:00 noon**



## ◆ Introduction

Billions of years ago, in a colossal event known as the Big Bang, our vast cosmos burst into existence. From that singular moment, the universe underwent remarkable transformations giving birth to galaxies, stars, planets, and us. But it turns out, everything we know only accounts for 5% of the Universe; the rest are made with mysterious “dark” substance. Whether you are a future astronomer, a lover of science, or simply curious about the wonders of the universe, you are welcome to experience a captivating exploration of time and space with “ A Brief History of the Universe”. This engaging talk aims to unravel the mysteries of the cosmos while fostering a deeper understanding of astronomy and space science, and inspire them to contribute to the field of physics in Hong Kong. This talk is co-organised by HKAGE and Department of Physics of The Chinese University of Hong Kong.

The speaker Dr Kenny C. Y. NG is currently the assistant professor of Department of Physics at CUHK. With a PhD in Physics from the Ohio State University and a Bsc degree in Physics from CUHK, Dr NG has a strong foundation in both international and local Physics educational systems. His research interests span the domains of astro-particle physics and dark matter.



## ◆ Schedule

Session	Date	Time	Venue
1	3 Feb 2024 (Sat)	3:30 p.m. – 5:30 p.m. (Registration: 3:15 p.m.)	Science Center L1 (1/F), CUHK

## ◆ Target Participants

- P5 – S6 HKAGE student members in 2023/24 school year.
- Class size: 100
- \* 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.



### Celebrities Talk Series

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



### Academic Introductory Talk Series

Introduce trendy topics to widen the students’ horizons.



### Future Insight Talk Series

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