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## [ Gifted Programme ]

### 💡 Trendy Academic Talk Series

## Aerospace Talk (Level III): **Tianwen-1 Mission to Mars**

E3AER001T

(Not-token required)

Dr LEUNG Po Kin

Senior Lecturer, Department of Physics, The Chinese University of Hong Kong



**Application Deadline**

**2 Mar 2026**

**12:00 noon**

## Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. Describe the main goals of Tianwen-1 mission.
2. Recognise the science and technologies in the mission, and how the findings enhance our understandings of Mars.
3. Develop a sense of national pride and patriotic affection.

# Trendy Academic Talk Series



## ◆ Gifted Programme Introduction

Space has remained the frontier of human exploration, and China is in the race with its expanding capabilities. China is the second country to successfully land and operate a rover on Mars! This talk will review China's historic Tianwen-1 mission to Mars. We will discuss the objectives, technologies, and achievements of the mission, and the significance of similar missions for studying Mars' geological past.

The speaker, Dr LEUNG Po Kin, got his Bachelor's and Master's degrees from the Department of Physics at The Chinese University of Hong Kong (CUHK), and his PhD degree in Astronomy from University of Illinois at Urbana-Champaign. Currently, he is a Senior Lecturer in the Department of Physics at CUHK. Besides tertiary education, Dr Leung is committed to STEM education, aiming to enhance the scientific literacy and interest of secondary-school students.

## ◆ Schedule

Session	Date	Time	Venue
1	7 Mar	10:00 a.m. - 11:30 a.m. (Please arrive at 9:45 a.m. for registration)	Lecture Theatre 2 (LT2), Esther Lee Building, CUHK

## ◆ Suitable for

- S1 – S6 HKAGE student members in 2025/26 school year only.
- Class size: 100 (\* First-come, first-served)

## ◆ Medium of Instruction

Cantonese

## ◆ Certificate

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

## ◆ Remark

Starting from the 2023/24 school year, after the first review period, ALL student members must complete the following requirements in each school year in order to maintain their membership:

- Attend One Talk; AND
- Participate in One programme or activity of any kind.

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



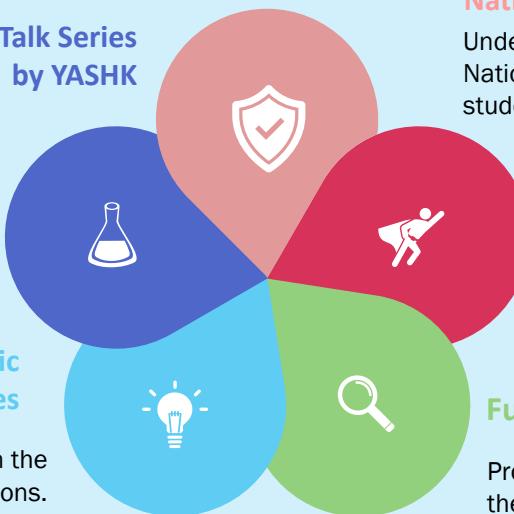
### Emerging Technology Talk Series by YASHK

Scientists introduce eye-opening emerging technology to enhance students' motivation to learn.



### Trendy Academic Talk Series

Introduce trendy topics to widen the students' horizons.



### National Security Talk Series



Understanding the meaning of National Security, enhances students' sense of national identity.

### Ignite Life Talk Series



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

### Future Insight Talk Series



Professionals share insights about the latest trends in their industry to help students plan their future.

## ◆ Enquiry

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