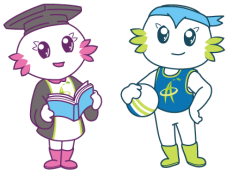
香 港 資 優 教 育 學 苑
The Hong Kong Academy for Gifted Education
香港特別行政區政府教育局資助
Subvented by the Education Bureau, the Government of the HKSAR



Learn about Gigi & Yoyo

[**Gifted Programme**]

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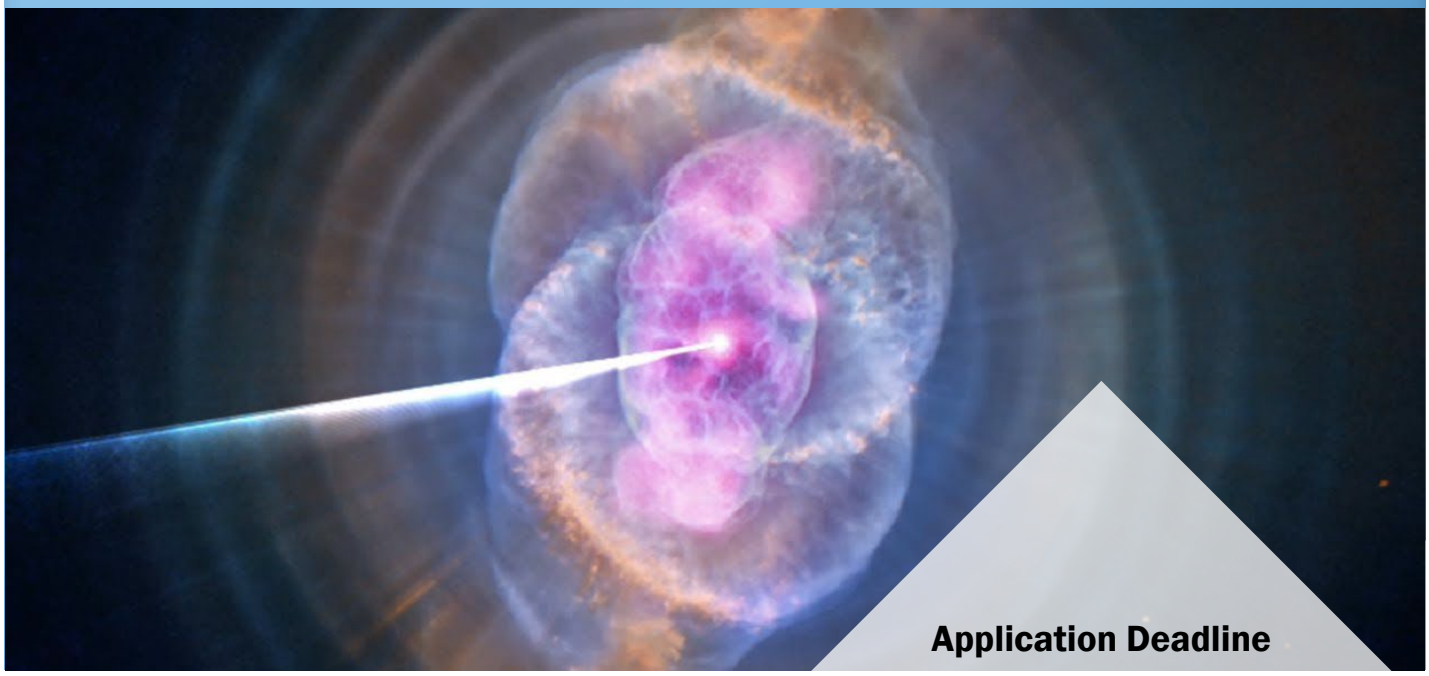
Trendy Academic Talk Series

Artificial Intelligence Talk (Level III):

AI x Art – Sensing the Invisible Universe with AI Technology

Prof Tai Kai NG
Chair Professor and Pillar Head of STEM Education, The Hong Kong University of Science and Technology (Guangzhou) (HKUST (GZ))

Ms Fiona You WANG
PhD Candidate and Independent Curator, HKUST (GZ)



Application Deadline
14 Dec 2026
12:00 noon

Intended Learning Outcomes

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

1. Describe how AI technologies can transform astronomical data into visual and auditory experiences for scientific exploration.
2. Draw connections between AI, astronomy, and art in interpreting phenomena beyond human senses.
3. Imagine new ways of using AI to connect science, art, data, and human perception.

Trendy Academic Talk Series

Gifted Programme Introduction

Let us discover how artificial intelligence (AI) can help us explore the universe beyond our natural senses. Using real astronomical data from NASA and leading space telescopes, this engaging talk demonstrates how AI transforms scientific data into striking visual and sonic experiences. Students will learn the principles of data visualisation, sonification, and sensory translation, while exploring how tools such as ChatGPT can support scientific discovery and creative expression. Through case studies and live demonstrations, students will experience the exciting intersection of AI, astronomy, art, and human perception.

The speaker Prof Tai Kai NG is Chair Professor and Pillar Head of STEM Education at The Hong Kong University of Science and Technology (Guangzhou) (HKUST (GZ)). As a renowned physicist and educator, he has made significant contributions to condensed matter physics and STEM education, and actively promotes the application of AI and data-driven approaches in learning.

The speaker Ms Fiona You WANG is an independent curator, artist, and researcher whose work bridges AI, art, and human wellbeing. As a PhD candidate at HKUST (GZ), she explores innovative ways of connecting technology, creativity, and society.

Schedule

Session	Date	Time	Venue
1	28 Dec	2:00 p.m. - 4:00 p.m. (Please arrive at 1:45 p.m. for registration)	Room 105, HKAGE

Suitable for

- S1 – S6 HKAGE student members in 2026/27 school year only.
- Class size: 100 (* First-come, first-served)

Medium of Instruction

Putonghua and 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.

National Security Talk Series

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

Ignite Life Talk Series

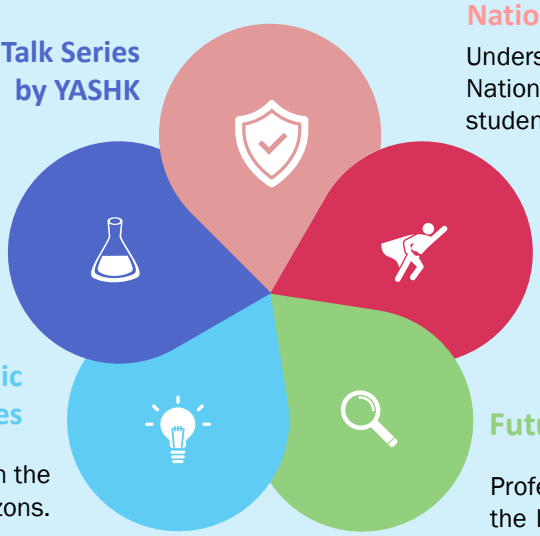
Celebrities share their life-changing moments to enhance students' aspirations for life.

Trendy Academic Talk Series

Introduce trendy topics to widen the students' horizons.

Future Insight Talk Series

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



Enquiry

3940 0101 programme@hkage.org.hk