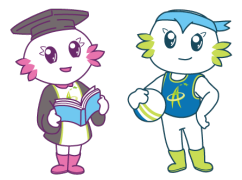




香港資優教育學苑
The Hong Kong Academy for Gifted Education

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](#)

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([Not-token required](#))

[Gifted Programme]

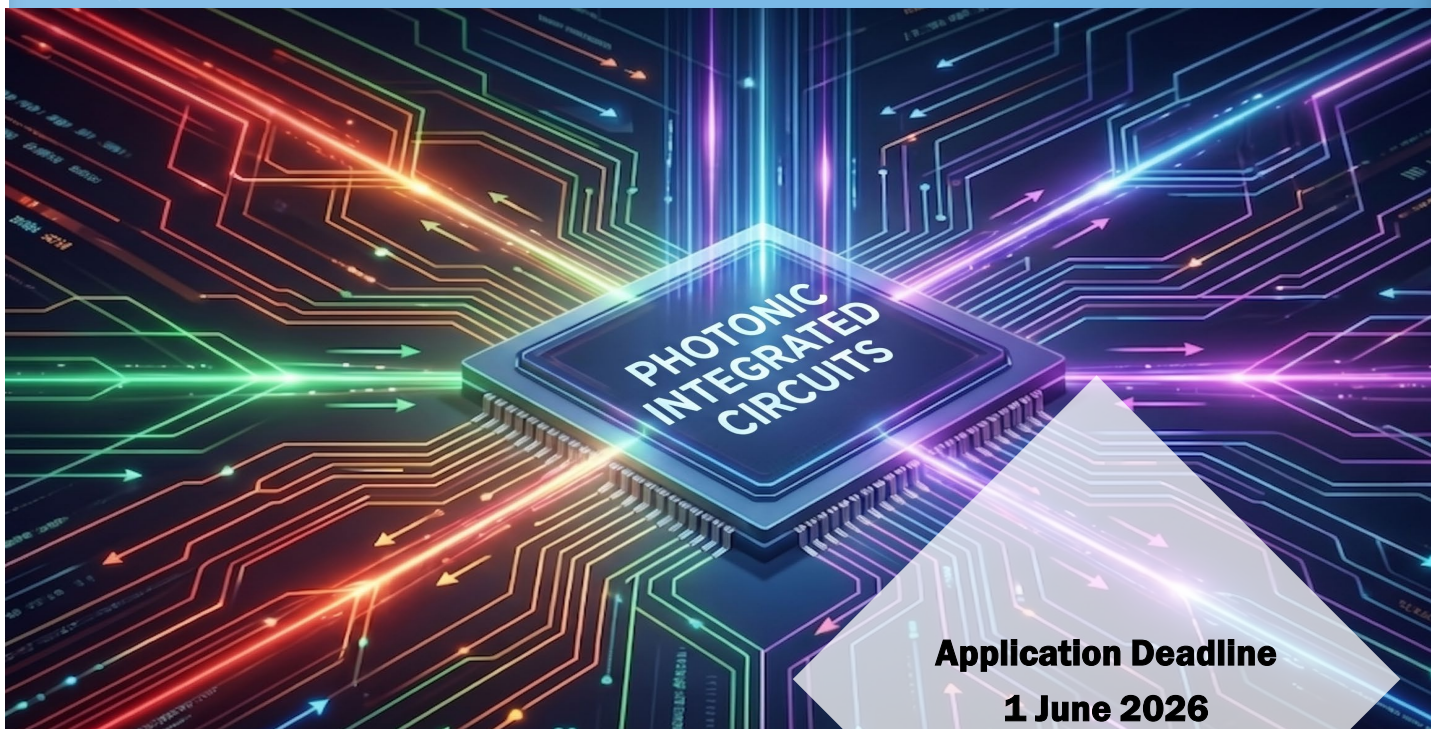
Trendy Academic Talk Series

Engineering Talk (Level II):

Let There Be Light - Exploring the Science and Technologies of Photonics

Prof Chaoran HUANG

Department of Electronic Engineering, CUHK



Application Deadline
1 June 2026
12:00 noon

Intended Learning Outcomes

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

1. explain the role of photonics in modern technology and scientific discovery;
2. describe the fundamental concepts of photonics;
3. gain inspiration from key breakthroughs in photonics and develop a positive attitude toward responsible innovation.

Trendy Academic Talk Series



◆ Gifted Programme Introduction

Light is everywhere – the sunrise that wakes you up, the glow of your phone screen, and the lamp on your desk as you study late into the night. But beyond everyday life, did you know that 48 Nobel Prizes have been awarded for discoveries related to light and its applications? At the heart of these breakthroughs is photonics, the science and technology of harnessing light to transform modern technology and deepen our understanding of the world. In this talk, we'll journey through the world of photonics, showing how light powers global communication, fuels artificial intelligence, and helps us explore the mysteries of the universe. Whether you dream of becoming a scientist, an engineer, or simply love uncovering how things work, this talk will show you how light illuminates the path from the past to the future.

◆ Schedule

Session	Date	Time	Venue
1	13 Jun	11:00 a.m. - 12:00 noon	Lecture Theatre 4, Yasumoto International Academic Park, The Chinese University of Hong Kong

◆ Suitable for

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

◆ Medium of Instruction

English

◆ 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.



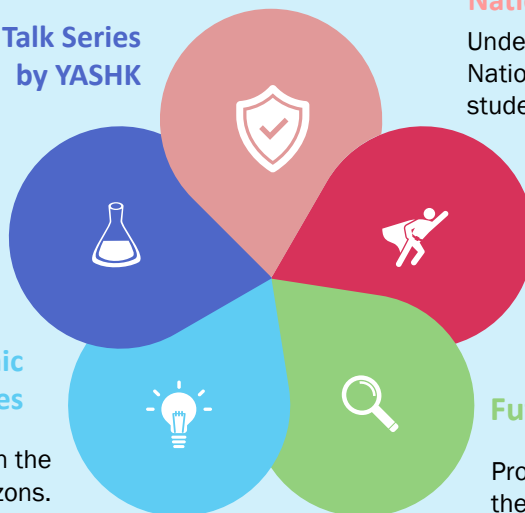
Emerging Technology Talk Series by YASHK

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

☎ 3940 0101

✉ programme@hkage.org.hk