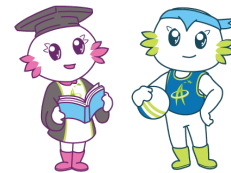


Co-organisers:



Supporting Organisation:

教育局
Education Bureau



[Learn about Gigi & Yoyo](#)

E2TEC024T
(Not-token required)

[**Gifted Programme**]

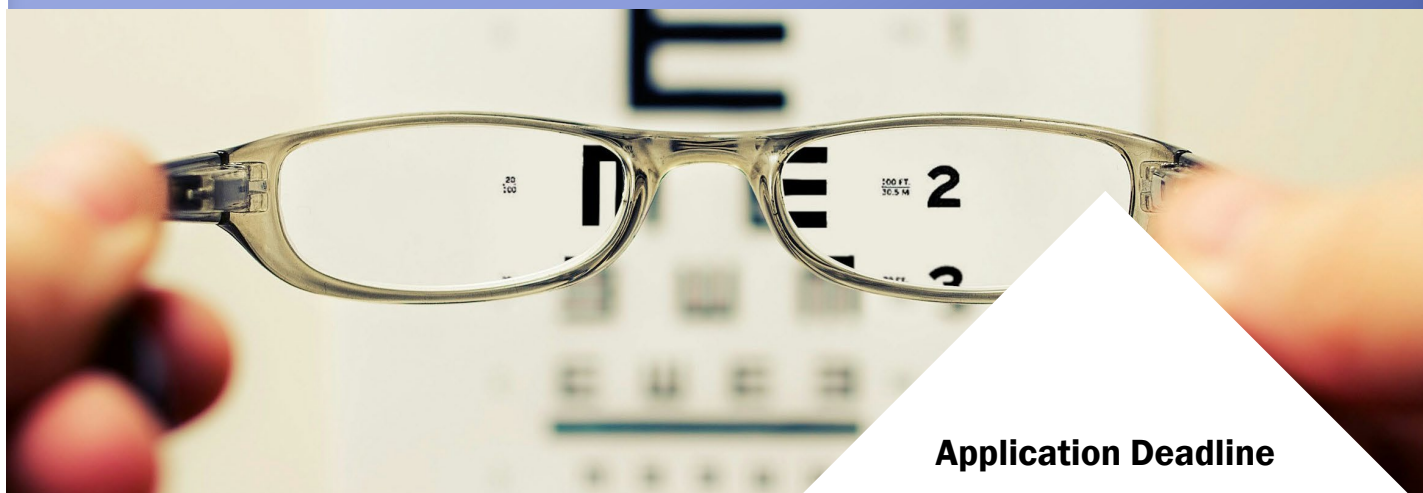


Emerging Technology Talk Series by YASHK

Science, Opportunities and Challenges 2026: Seeing the Future Clearly- Understanding Myopia

Professor Jason YAM

Department of Ophthalmology and Visual Sciences,
Faculty of Medicine, CUHK



Application Deadline
29 Jun 2026 12:00 noon

Intended Learning Outcomes

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

1. Explain the biological mechanism of myopia;
2. Describe current treatment and management strategies of myopia;
3. Recognise the role of AI and emerging technologies in eye care;
4. Foster a stronger desire to pursue further studies in medicine and related disciplines.



◆ Gifted Programme Introduction

Myopia, commonly known as “nearsightedness”, is one of the fastest-growing eye conditions worldwide, with the numbers are rising rapidly, especially among young people. But what exactly causes your eyes to lose the ability to see things far away? Can it be prevented, slowed, or even reversed?

In this talk, we will embark on a journey through the science of myopia, starting with how the eye works and what goes wrong at the biological level when myopia develops. We will explore current treatments, from glasses and contact lenses to emerging strategies for myopia control in children and adolescents, such as low-concentration atropine and red-light therapy. Beyond conventional approaches, we will look at the exciting frontier of artificial intelligence (AI) in eye care, how AI models can now predict who is at risk of developing myopia, assist in early diagnosis, and even help design personalised treatment plans. By the end of this talk, you will gain a deeper appreciation of how biology, medicine, and cutting-edge technology come together to tackle a health challenge that may directly affect them and their peers.

“Talk Series on Emerging Technologies — Science, Opportunities and Challenges 2026: Seeing the Future Clearly- Understanding Myopia” is co-organised by YASHK and HKAGE.

◆ Schedule

Session	Date	Time	Venue
1	4 Jul 2026	10:00 a.m. – 12:00 noon	Zoom meeting

◆ Suitable for

- S1 – S6 HKAGE student members in 2025/26 school year only.
- Class size: 280

* 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.

