



A1STM001T

(Not-token required)

 **Academic Introductory Talk Series**

STEAM Talk (Level I):

Smart Dentistry Transforming Patient Experience

Prof. Walter Lam,
Clinical Assistant Professor in Prosthodontics,
Faculty of Dentistry, The University of Hong Kong



Application Deadline

8 Mar 2024

12:00 noon

Intended Learning Outcomes

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

1. describe the technology of digital dentistry (A.I.);
2. articulate how digital dentistry can positively impact the community;
3. prepare for future learning opportunities and professional growth in the field of dentistry.



◆ Introduction

The team led by Prof. Walter Lam (Clinical Assistant Professor in Prosthodontics, Faculty of Dentistry, HKU) conducted multiple research on artificial intelligence (AI). His team developed two Dental AI systems: "Tooth AI" to design a missing tooth and "Gum AI" to detect gum diseases using smartphone selfie. By utilizing AI technology, this solution significantly enhances the efficiency of dental treatments. In the future, more intelligent technologies will be applied to dental examinations, treatments, and education.

In this talk, Prof Lam will share his journey in designing AI tools for dentistry. Students will understand the impact of digital dentistry. Preparations for professional development in the dental field will also be introduced.

◆ Schedule

Session	Date	Time	Venue
1	2 Apr 2024	10:00 a.m. – 11:30 a.m.	Room 105, HKAGE

◆ Target Participants

- S3 – 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.

◆ 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 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.