

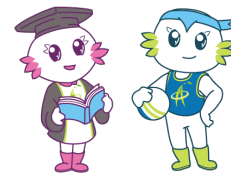


香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

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[ Gifted Programme ]

🔍 Future Insight Talk Series

# AI Applications in Supply Chain Management

Department of Industrial and Systems Engineering,  
The Hong Kong Polytechnic University



Dr TSANG Yung Po (Paul)

Lecturer and Deputy Programme Leader of EMDA

**Application Deadline**

**4 Jul 2026**

**12:00 noon**

## Intended Learning Outcomes

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

1. Understand the basic concepts of supply chain management and explain them with everyday experiences;
2. Understand the applications of AI in different stages of the supply chain (such as procurement, warehousing, and distribution);
3. Reflect on the opportunities and challenges faced when applying AI to supply chain management.



## ◆ Gifted Programme Introduction

The theme of this programme is “AI Applications in Supply Chain Management”, comprising two parts: a thematic talk and guided laboratory tour. Details are as follows:

### ➤ Thematic Talk

- This thematic talk explores the fundamental concepts of Supply Chain Management (SCM) and the transformative role of Artificial Intelligence (AI) within the industry. Designed to bridge everyday experiences with advanced technological concepts, the session will demystify SCM through real-world case studies and practical insights.
- The speaker, Dr TSANG Yung Po, is the lecturer and deputy programme leader of **BSc (Hons) in Engineering Management with Data Analytics (EMDA)** from the Department of Industrial and Systems Engineering, The Hong Kong Polytechnic University.

Dr. Tsang is an expert in Blockchain, IoT, Industry 4.0, and Cold Chain & E-commerce logistics. A renowned researcher, he was awarded the Outstanding Paper Award at the 2023 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), as well as the Highly Commended and Outstanding Paper Awards from the Emerald Literati Network in 2019.

### ➤ Guided Laboratory Tour

Attending participants will have the opportunity to join guided tours of the following laboratories:

- Aviation Operations and Control Laboratory ([Link](#))
- Cyber-Physical Systems Laboratory ([Link](#))
- Integrated Product Design Laboratory ([Link](#))
- Smart Manufacturing Laboratory

## ◆ Schedule

Session	Date	Time	Venue
1	6 Aug	10:00 a.m. – 12:30 p.m.	The Hong Kong Polytechnic University

## ◆ Suitable for

- S4 – S6 HKAGE student members only in 2025/26 school year.
- Class size: 50
- Seats are limited. First-come, first-served.

## ◆ Medium of Instruction

Cantonese

## ◆ Certificate

- E-Certificate will be awarded to participants who have attended the talk.
- Students must fully participate in all class activities and may not attend only selected parts; otherwise, they will be regarded as absent.

## ◆ 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