



*Advancing Technology  
for Humanity*

# TryEngineering on Campus in Hong Kong 2024

*An initiative by IEEE to promote AI  
education in Hong Kong*

Powered by IEEE

**TRY**Engineering  
ON CAMPUS



# Topics

1. Intro IEEE and TryEngineering
2. TryEngineering on Campus in HK 2024
3. TryEngineering comes to Hong Kong
4. Organising team
5. Activity Highlights
6. Fees and how to enroll

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Advancing Technology  
for Humanity

- ▶ World's largest technical professional organization celebrating **140** years of heritage
- ▶ **470,000** members, plus **170,000** student members in over **190** countries around the world,
- ▶ **39** technical Societies and **8** Technical Councils



75<sup>TH</sup>  
Anniversary



IEEE Vehicular  
Technology Society



## *Inspires the Scientists, Technologists and Engineers of Tomorrow*

An IEEE Initiative to promote STEM education to secondary school students

- ▶ Organize Student engagement events
- ▶ Teach through hands-on projects, with multi-disciplinary teamwork
- ▶ Nurture next generation of innovators and leaders, address social needs, benefits society and students



# TryEngineering comes to Hong Kong

## TryEngineering on Campus in HK 2024

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- ▶ **Pioneer:** first event held outside USA
- ▶ **Format:** 2 days 1 night featuring AI tutorial, campus life, & industry visit
- ▶ **Highlights:**
  - **Theme:** **AI for Humanity**
  - **Tutorial:** latent space, generative AI, learning and training
  - **Hands-on:** package learning, project design, presentation and competitive sessions.
  - **Industry Visit:** **ASMPT**



# IEEE Organising Committee

**Project Champion:**

Dr Paulina Chan, DIC, Senior Member IEEE

**Chief Technical Speaker:**

Professor W.C. Siu, Professor Emeritus, Hong Kong Polytechnic, Life Fellow IEEE

**Technical Programme:**

Professor Steve Wong, PhD, Fellow IEEE  
Professor Ray Cheung, PhD, Senior Member IEEE

**Members:**

Samy Arokiasamy, George Chan, Clarice Liu,  
Shirley Lam, Lee Gwun Yiu, Daniel Shi, Wilson Wong,  
Kelvin Wong, George Woo



# AI Tutorial

- ▶ Tutorial by Prof W.C. Siu,
- ▶ Learn advance AI Concepts:
  - **General AI:** How does AI relate to human brain? What is learning? What is training?
  - **Generative Model, Latent Space:** What is “generative”, “latent space”, “search and then compose”?
- ▶ Practice learning via hands on projects using “**Intelligent Painter**”
- ▶ Close support by University Students volunteers



# Industry Visit – ASMPT

**ASMPT** enabling the digital world

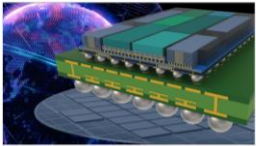
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World leading semiconductor equipment manufacturer.

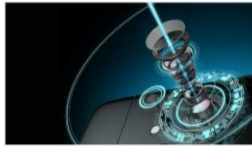
Innovation centre in Hong Kong.



Advance Packaging



IC & Discrete



CMOS Image Sensor



LED/Photonics





# Fees and how to enroll

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- ▶ Event manager: **Jeta HK Co. Limited**
- ▶ Theme : **AI for Humanity**
- ▶ Date: **9 ~ 10 August (Fri. & Sat.) 2024**, including 1 overnight
- ▶ Venue: **City University (Lecture Hall & Dormitory)**, plus industry visit
- ▶ Capacity: **50 students** (age 13 ~ 17)
- ▶ Fees: **HK\$ 1,500 per student**  
(a limited number of subsidies available please contact organiser)
- ▶ Enrolment: please scan link at right:

Venue Host



香港城市大學  
City University of Hong Kong

