

STEM Workshops for Secondary School Educators

Organiser:



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

FACULTY OF
ENGINEERING
工程學院

WHERE CONCEPTS BECOME REALITY

Co-organiser:



Hong Kong Association for Science
and Mathematics Education
香港數理教育學會

4 practical and interactive workshops offering insights for teachers to deliver **STEM education**.
Attend to gain valuable tips to implement STEM into the school curriculum!

FREE TO ATTEND

Each Workshop: 30 places

* Each registrant can register for up to 2 workshops.

Certificate of completion will be granted to those individuals who attend and complete the workshop.

WORKSHOP
1
PolyU Campus

17th August 2017, Thursday (9:00 a.m. - 6:00 p.m.)

Mobile Apps Development with App Inventor

Presented by Department of Computing

Build your own apps and appreciate the essence of computational thinking

Cantonese

WORKSHOP
2
PolyU Campus

18th August 2017, Friday (9:00 a.m. - 6:00 p.m.)

Building a Robot from Scratch

Presented by Department of Electronic and Information Engineering

Build your own robot and appreciate the beauty of Electronic Engineering

Cantonese

WORKSHOP
3
PolyU Campus

21st August 2017, Monday (9:00 a.m. - 6:00 p.m.)

Design and Development of a Fuel Cell Powered Toy Car

Jointly presented by Department of Mechanical Engineering and Department of Electrical Engineering

Gain knowledge on the physical and chemical processes occurring in fuel cells, design of a single cell and stack, and demonstration of a fuel cell powered toy car

A.M. session: English
P.M. session: Cantonese

WORKSHOP
4
PolyU Campus

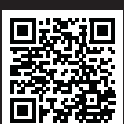
24th August 2017, Thursday (9:00 a.m. - 6:00 p.m.)

Basic Control and Robotic Applications

Jointly presented by Department of Industrial and Systems Engineering and Interdisciplinary Division of Biomedical Engineering

Gain some fundamental knowledge in areas of automation and robotics

Cantonese



Registration via Hong Kong Association for Science and Mathematics Education
Information: <http://www.hkasme.org>
Application: <https://goo.gl/forms/vGSA2iF0Ar7j97Ho2>

Enquiry: denquiry@polyu.edu.hk
enquiry@hkasme.org