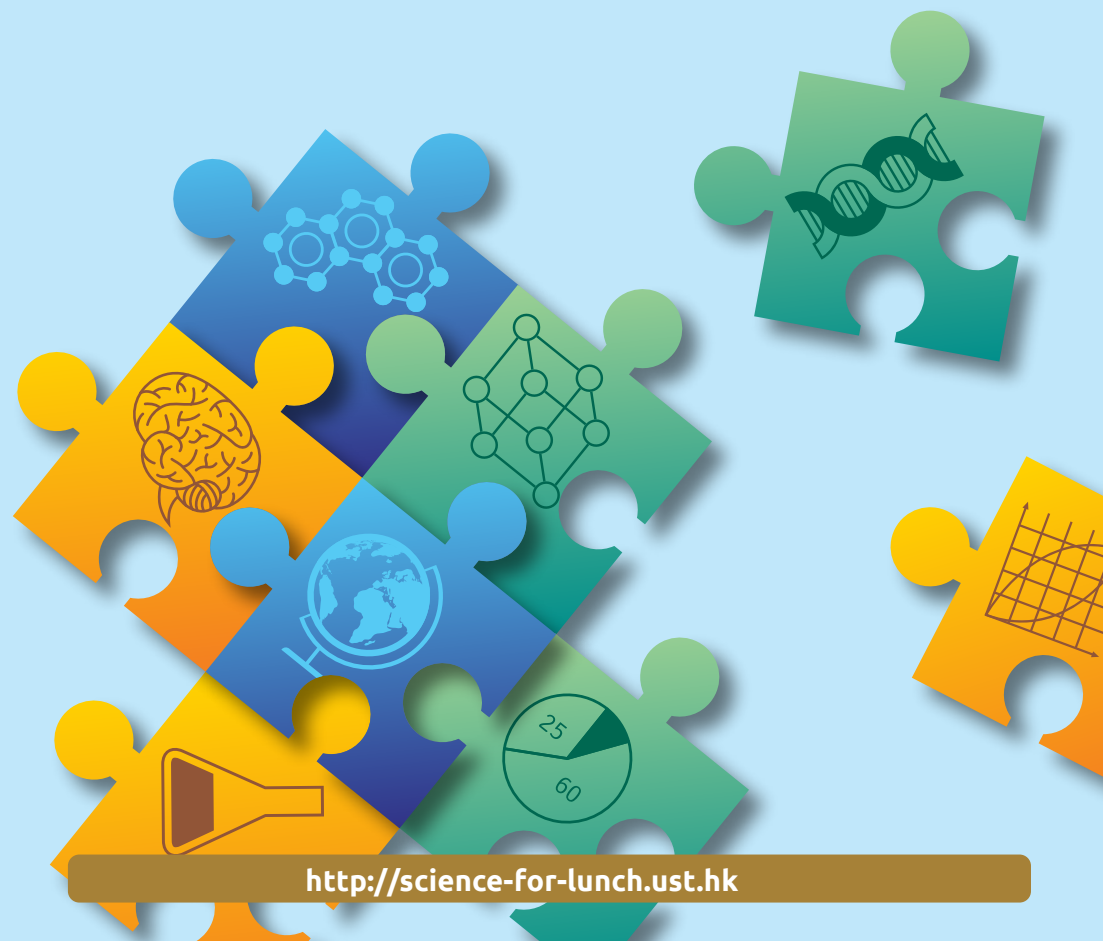HKUST opened its doors in 1991. We will celebrate 25th Anniversary in 2016. For the anniversary year, we will do a special series of Science-for-Lunch, featuring some of our key strategic areas including Data Science, Autonomous Systems & Robotics, Design Thinking & Entrepreneurship, Sustainability, and Public Policy. There is a highlight talk by President Prof Tony F Chan on applications of Mathematics in our daily life.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Science-for-Lunch™
25th Anniversary Special Series

Meet the university professors
Learn the latest in science and technology
Find collaboration and commercialization opportunities

Data Science

Autonomous Systems & Robotics

Design Thinking & Entrepreneurship

Sustainability

Public Policy

25

60

http://science-for-lunch.ust.hk

2015 Talks

Big Data + Science = Data Science
9 Sep 2015

Prof Qiang Yang
New Bright Professor of Engineering, Chair Professor and Head of Department of Computer Science and Engineering

Do you know that the data collected by humans over the past two years is so 'big' that it dwarfs all the books ever written? This 'big data' phenomenon revolutionizes our thinking not because of its immense volume, but rather by what we can learn from it through the use of increasingly powerful analytic tools. What does big data mean for future scientific discoveries? How will business, educational institutions, governments and society evolve in this new era? The speaker explains the nature of big data and the resulting data science, and highlights key concepts based on the achievements of HKUST's Data Science projects. Big data applications in online shopping, charity, health analysis and risk management will be shared with the audience.

New Approaches to "Hushing the Plane"
14 Oct 2015

Prof Xin Zhang
Swire Professor of Aerospace Engineering, Department of Mechanical and Aerospace Engineering

Whether you are an aviation enthusiast or not, come join this talk to learn about the environmental and health impact of flying and the latest noise reduction methods and technology. Noise generated during aircraft take-off and just prior to landing in particular is not only an environmental hazard but also adversely affects aircraft performance. The problem is particularly acute in Asia Pacific as development is often coupled with a lack of regulation. HKUST recently introduced a new degree program in aerospace engineering, and will soon be in possession of a state-of-the-art aeroacoustic research tunnel. The speaker who is an expert in aerodynamics and aeroacoustics will share with you some interesting information which you may not know about aircrafts and give an overview of his work at HKUST.

Building the Entrepreneurship Ecosystem for Hong Kong - Using IoT as an example
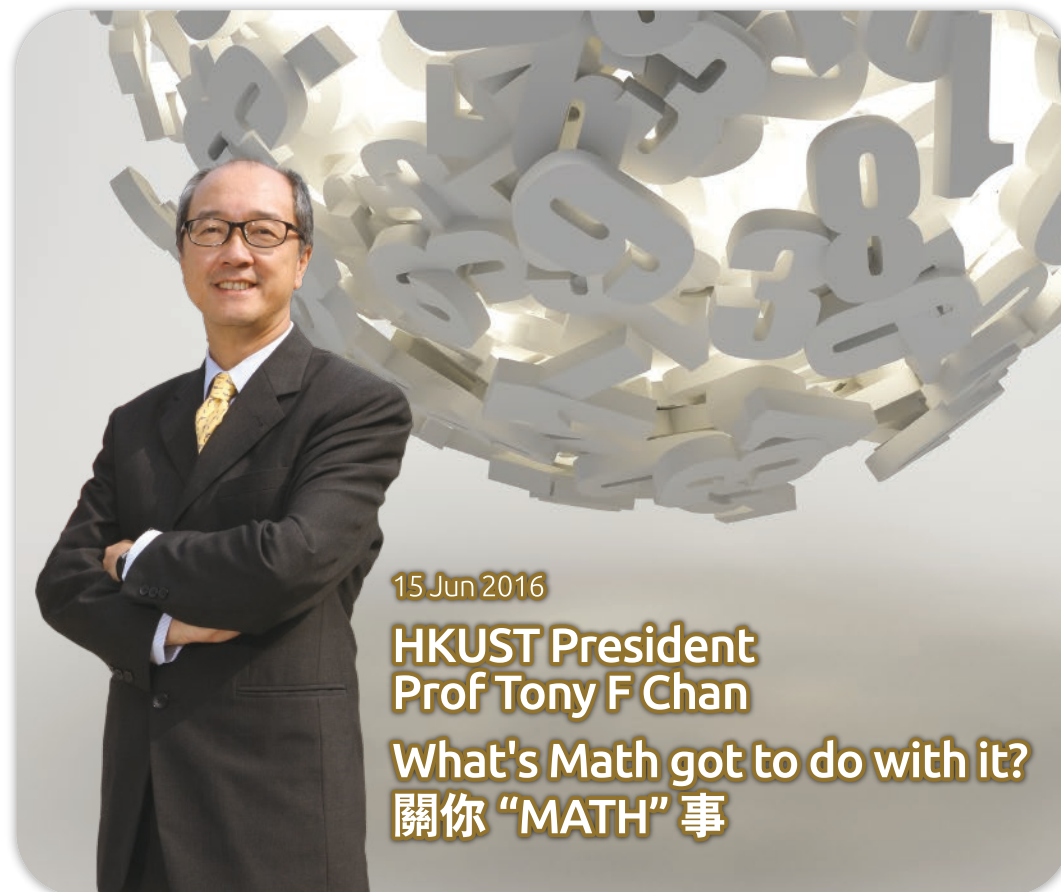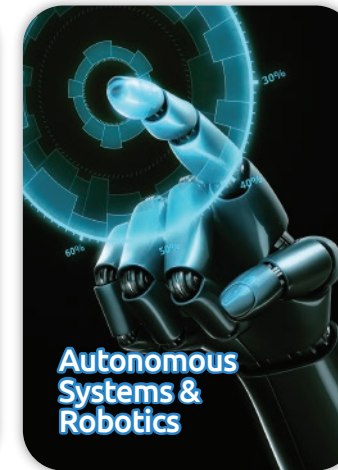*17 Nov 2015*

Prof Michael Sung
Director of Center for Industry Engagement and Internship, Associate Director of the Entrepreneurship Center

The innovation of Internet of Things (IoT)-connected smart devices coupled with big-data analytics technologies promises to ignite the next industrial revolution. Hong Kong can make the most of its proximity to the global electronic and product manufacturing hub in the Pearl River Delta, both in terms of creating IoT devices as well as being a major consumer of these products. The speaker outlines initiatives to strategically align HKUST's resources to enable smart hardware innovation in Hong Kong and beyond. These include design-thinking programs and competitions to optimize product concepts for commercialization; a manufacturing platform to enable prototyping and low-volume manufacturing; internationally leveraged product innovation; and entrepreneurial resources such as long-term venture mentor resources to guide startups.

Coming in 2016

Public Policy

Autonomous Systems & Robotics

Sustainability

15 Jun 2016

HKUST President
Prof Tony F Chan

What's Math got to do with it?
關你 "MATH" 事

The smart materials developed by HKUST professor have *wide potential applications.* We are in discussion with the professor on how to commercialize some of his inventions.

Science-for-Lunch gathers the inspirational scientists in the *specific fields and research collaboration.*

It is more than a lecture. The *topics are unique* and relevant to our daily life.

Technology has become an integral part of our lives. Science-for-Lunch has enabled me to *catch up with what is going on in the world.*

Professor does a great job of tying technology and creativity together to *deliver the oft-stated innovation.* We are happy to work together and make it happen.

An enlightening talk and I enjoyed *face-to-face discussions* with the professor.

Venue
HKUST Business School Central
15/F, Hong Kong Club Building,
3A Chater Road, Central, Hong Kong

Time
12:30 pm – 2 pm

Science-for-Lunch is one of the community engagement programs initiated by the Institutional Advancement and Outreach Committee of the University Council.

Special thanks to

美心 Maxim's

How to Register

1. Please contact Ms Heidy Wan at 2358 5019 or email to heidywan@ust.hk for registration or enquiry.
2. Registration opens one month before the talk.
3. Confirmation notification will be delivered to guests by email about one week before the event.
4. For more information, please visit Science-for-Lunch website http://science-for-lunch.ust.hk .

* Registration is required.
* Seats are limited and are available on a first-come-first-served basis. Priority is given to new comers.

Recommend A Friend

Please fill in all fields of the form and we will invite your friend to future Science-for-Lunch.

Your information

Name

Organization

Friend's contact

Mr / Ms / Mrs / Dr / Prof

Last Name

First Name

Title

Organization

Email Address

Contact Number

Kindly be reminded to have your friends' consent to provide their contact details.

Please scan the completed form and email to science.for.lunch@ust.hk or fax to (852) 2705 9119.

The personal data collected (i.e. name, contact details, and other relevant information) will be used by the University for promotion of our events and news. The data will be only used after owner's consent. In any circumstances, the University will not transfer the personal data to a third party for direct marketing purpose.