



### Possible Routes

#### Route 1 (Pedestrian)

- **Subway** from Festival Walk
- **Yeung Kin Man Academic Building (4/F)**
- **Bank of China (Hong Kong) Complex** → walk along **Swimming Pool**
- **Li Dak Sum Yip Yio Chin Academic Building (3/F)**

#### Route 2 (Pedestrian)

- **Subway** from Festival Walk
- **Footpath** on the right
- **Lau Ming Wai Academic Building (3/F)**
- **Li Dak Sum Yip Yio Chin Academic Building (3/F)**

#### Route 3 (Drive)

- Driving from Cornwall Street
- OR**
- Driving from Tat Chee Avenue

#### Collaborating Universities



# TRS Symposium 2019

Research Grants Council  
Theme-based Research Scheme  
Public Symposium 2019

7 December 2019 (Sat)

9am–12:40pm

3/F, Li Dak Sum Yip Yio Chin  
Academic Building  
City University of Hong Kong

This symposium aims to share and communicate with the research community, policy makers, industrial partners and the general public the scientific discoveries as well as the economic and social impact of the research projects funded by the Research Grants Council's Theme-based Research Scheme (TRS), a scheme that supports thematic research of strategic importance to the long-term development of Hong Kong.

The event includes TWELVE collaborative projects under THREE research themes:



The project teams will showcase and share the achievements, new discoveries and strategic impact of their wide-ranging, frontier research with the participants through a series of activities such as presentations, poster display and demonstration of works.

Please seize this opportunity to interact with the researchers on the latest strategically important research areas related to the local, regional and international development.



For event details and registration, please visit <https://www.cityu.edu.hk/vprt/trs2019>

**LANGUAGE: ENGLISH**  
**FREE ADMISSION ALL ARE WELCOME**

## Presentation

3/F, Li Dak Sum Yip Yio Chin Academic Building

TIME	PROGRAMME	
9:00-9:15	Opening Ceremony by the <i>Chairman of the Research Grants Council and Chairman of the Major Projects Steering Committee</i> Joseph Lee Hall	
9:15-9:45	Plenary Session—Funding Mechanism of the Theme-based Research Scheme Joseph Lee Hall	
	Joseph Lee Hall	Room 3508
9:45-10:25	Systematic Development of Molecular Targets for Nasopharyngeal Carcinoma <i>Prof Kwok-wai LO (CUHK)</i>	Smart Solar Energy Harvesting, Storage, and Utilization <i>Prof Jianbin XU (CUHK)</i>
10:25-11:05	An Integrated Trans-omics Approach to Diabetic Cardio-renal Complications: From Novel Discoveries to Personalized Medicine <i>Prof Ronald Ching-wan MA (CUHK)</i>	Sustainable Power Delivery Structures for High Renewables <i>Prof David John HILL (HKU)</i>
11:05-11:20	Tea Break	
11:20-12:00	Viral, Host and Environmental Determinants of Influenza Virus Transmission and Pathogenesis <i>Prof Joseph Sriyal Malik PEIRIS (HKU)</i>	Delivering 21 <sup>st</sup> Century Healthcare in Hong Kong — Building a Quality-and-Efficiency Driven System <i>Prof Frank Youhua CHEN (CityU)</i>
12:00-12:40	Genetics and Functional Genomics of Neural Crest Stem Cells and Associated Disease: Hirschsprung Disease <i>Prof Paul Kwong-hang TAM (HKU)</i>	

THE END

## Poster/Model Display

Atrium, G/F, Li Dak Sum Yip Yio Chin Academic Building

9:45am - 12:40pm

Molecular Basis for Interspecies Transmission and Pathogenesis of Middle East Respiratory Syndrome Coronavirus  
*Prof Patrick Chiu-yat WOO (HKU)*

Centre for Research into Circulating Fetal Nucleic Acids  
*Prof Dennis Yuk-ming LO (CUHK)*

Smart Urban Water Supply Systems (Smart UWSS)  
*Prof Mohamed S GHIDAOUI (HKUST)*

Understanding Debris Flow Mechanisms and Mitigating Risks for a Sustainable Hong Kong  
*Prof Charles Wang-wai NG (HKUST)*

Safety, Reliability, and Disruption Management of High Speed Rail and Metro Systems  
*Prof Kwok-leung TSUI (CityU)*

and

above Seven projects having presentations

and

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