



**RESEARCH GRANTS COUNCIL
THEME-BASED RESEARCH SCHEME
PUBLIC SYMPOSIUM 2017**

9 December 2017 (Saturday)

9:00 a.m. – 5:20 p.m.

G/F, Yasumoto International Academic Park
The Chinese University of Hong Kong



This one-day symposium aims to share and communicate with the research community, stakeholders and general public the ground-breaking 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 three research themes cover in this Symposium include:



Promoting Good **Health**



Developing a Sustainable **Environment**



Enhancing Hong Kong's Strategic Position as a Regional and International **Business Centre**

Fourteen inter-disciplinary TRS projects by cross-institutional collaborations will showcase their achievements and impact through presentations (conducted in English), poster display, and demonstration of work. The Symposium will be a landmark event to foster intellectual interactions between the academia and stakeholders including industry and policy makers, not only by bringing new ideas and cutting-edge technologies arising from the projects to the participants, but also by arousing greater public awareness on aspects that are essential to the regional and international development.

The Chinese University of Hong Kong is proud to be selected this year to coordinate this event on behalf of the Research Grants Council and with fullest support from collaborating universities.



For more project information, please visit:

<https://trs-symposium-2017.wixsite.com/information>



Registration:

<https://cloud.itsc.cuhk.edu.hk/webform/view.php?id=3945123>

Free Admission All are welcome

TIME	PROGRAMME	
8:30	Registration	
9:00	Opening Ceremony Plenary Session - Funding Mechanism of the Theme-based Research Scheme < Venue: LT2 >	
	Presentations - Theme 1 < Venue: LT2 >	Presentations - Themes 2 & 3 < Venue: LT3 >
9:50	<u>The Liver Cancer Genome Project: Translating Genetic Discoveries to Clinical Benefits</u> <i>Prof. Nathalie Wong (CUHK)</i>	<u>Enhancing Hong Kong's Future as a Leading International Financial Centre</u> <i>Prof. Douglas W. Arner (HKU)</i>
10:40	<u>Massively Parallel Sequencing of Plasma Nucleic Acids for the Molecular Diagnostics of Cancers</u> <i>Prof. Dennis Yuk-ming Lo (CUHK)</i>	<u>Transforming Hong Kong's Ocean Container Transport Logistics Network</u> <i>Prof. Chung-ye Lee (HKUST)</i>
11:25	Break	
11:40	<u>Personalized Medicine for Cardiovascular Diseases: From Genomic Testing and Biomarkers to Human Pluripotent Stem Cell Platform</u> <i>Prof. Hung-fat Tse (HKU)</i>	<u>Challenges in Organic Photo-Voltaics and Light-Emitting Diodes - A Concerted Multi-Disciplinary and Multi-Institutional Effort</u> <i>Prof. Vivian Wing-wah Yam (HKU)</i>
12:30	<u>Cell-based Heart Regeneration</u> <i>Prof. Ronald Adolphus Li (HKU)</i>	<u>Sustainable Lighting Technology: From Devices to Systems</u> <i>Prof. Ron Shu-yuen Hui (HKU)</i>
13:15	Lunch Break	
14:30	<u>Functional Analyses of How Genomic Variation Affects Personal Risk for Degenerative Skeletal Disorders</u> <i>Prof. Kathryn S.E. Cheah (HKU)</i>	<u>Cost-effective and Eco-friendly LED System-on-a-chip (SoC)</u> <i>Prof. Kei-may Lau (HKUST)</i>
15:20	<u>Stem Cell Strategy for Nervous System Disorders</u> <i>Prof. Nancy Y. Ip (HKUST)</i>	Poster and Demonstration Session for Themes 2* & 3 < Venue: G/F Foyer >
16:05	Break	
16:20	Poster and Demonstration Session for Theme 1* < Venue: G/F Foyer >	

* The following TRS projects will participate in the poster and demonstration session:

- **Systematic Development of Molecular Targets for Nasopharyngeal Carcinoma** (Prof. Kwok-wai Lo, CUHK)
- **An Integrated Trans-omics Approach to Diabetic Cardio-renal Complications: From Novel Discoveries to Personalized Medicine** (Prof. Ronald Ching-wan Ma, CUHK)
- **Smart Solar Energy Harvesting, Storage, and Utilization** (Prof. Ching-ping Wong, CUHK)

LOCATION MAP



Organizer:



Collaborating Universities:



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