

**The Chinese University of Hong Kong**  
**Department of Psychiatry**  
**Schedule for October, 2023**

<u>Date</u>	<u>Time</u>	<u>Activity</u>	<u>Speaker/Team</u>
Oct5		No Event	
Oct12	14:30-16:00	Psychotherapy Case Conference (SH)*# <i>Balint Group Supervision</i>	Trainees Moderator: Dr. Irene KAM
	16:00-17:00	Psychotherapy Supervision (SH)*#	
Oct19	14:30-16:30	Quality Assurance Meeting (SH)#/(TPH)#	All Clinical Staff
Oct26	14:30-16:00	Academic Lecture (MUL)* <i>Big Data and Geospatial Technologies for Mental Health Research</i>	<u>Prof. Mei Po KWAN</u> Choh-Ming Li Professor of Geography and Resource Management Director, Institute of Space and Earth Information Science Director, Institute of Future Cities The Chinese University of Hong Kong

Registration link:  
<https://bit.ly/3PyNEhj>

Venue:	*Live video #Closed meeting	@Non-CME Event	MUL	TPH	SH	1AL
			Seminar Room,	Conference Room 1	Dining Room	Rm. 1005, Dining Room
			Multi-centre,	G/F, Wing D	Ward 7AB	Ward 1AL, 1/F
			Tai Po Hospital,	Tai Po Hospital	Dept. of Psychiatry	Tai Po Hospital
			Tai Po, N.T.	Tai Po, N.T.	7/F, Shatin Hospital	Tai Po, N.T.
					Shatin, N.T.	

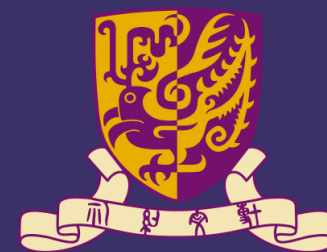
**Please contact 2607-6025 two days before hand to arrange presentation equipment.**

<http://www.psychiatry.cuhk.edu.hk>

# Department of Psychiatry, CUHK

# ACADEMIC

# LECTURE



## Prof. Mei-Po KWAN

Choh-Ming Li Professor of Geography and  
Resource Management  
Director, Institute of Space and Earth Information Science  
Director, Institute of Future Cities  
The Chinese University of Hong Kong

**Date: 26 OCT 2023 (THU)**

**Time: 14:30 - 16:00**

**Venue: Seminar Room, Multicentre,  
Tai Po Hospital & Zoom**



## **Topic: Big Data and Geospatial Technologies for Mental Health Research**

### Abstract:

The rapid development and widespread use of advanced geospatial technologies such as GPS, remote sensing, mobile sensing, and location-aware devices in recent years have greatly facilitated the acquisition of enormous amounts of high-resolution space-time data. To build smart and healthy cities, we need to integrate these multi-source geospatial big data acquired by earth observation technologies and mobile sensing technologies to provide more accurate assessments of individual exposures to environmental or social risk factors, and to develop planning policies to improve health for all. In this presentation, I will discuss how these new developments can provide new insights into the relationships between people's mobility, health behaviors, and the complex spatiotemporal dynamics of environmental influence. Drawing upon my recent projects on individual exposures to green/blue spaces, light-at-night, and air and noise pollution, I explore how the collection, integration, and analysis of high-resolution space-time data enabled by advanced geospatial and mobile technologies (e.g., real-time mobile sensing and GPS tracking) can help identify the "truly relevant geographic context in space and time" and provide new insights into the relationships between mental health, people's daily mobility, and the complex spatiotemporal dynamics of environmental influences.

### Biography:

Professor Kwan Mei-Po is Director of the Institute of Space and Earth Information Science, Director of Institute of Future Cities, Choh-Ming Li Professor of Geography and Resource Management, and an affiliated faculty of the JC School of Public Health and Primary Care of the Chinese University of Hong Kong. Prof. Kwan is a Fellow of the United Kingdom Academy of Social Sciences, Fellow of the American Association for the Advancement of Science (AAAS), Fellow of the Royal Geographical Society and American Association of Geographers and a Guggenheim Fellow. She was awarded many Outstanding Academic Achievement Awards by the American Association of Geographers, including the Distinguished Scholarship Honors, the Anderson Medal of Honors in Applied Geography, the Wilbanks Prize for Transformational Research in Geography, the Stanley Brunn Award for Creativity in Geography, the Edward L. Ullman Award for Outstanding Contributions to Transportation Geography, and the Melinda Meade Award for Outstanding Contributions to Health and Medical Research. Prof. Kwan has received research grants of more than USD 62.7 million and has delivered about 380 keynote addresses and invited lectures and presentations in more than 20 countries. Her recent projects examine the health impacts of individual environmental exposure (e.g., noise, air pollution, green space), urban and mobility issues, the space-time dynamics of the COVID-19 pandemic and the perception of data privacy; and the protection of geoprivacy via the development of a Geospatial Virtual Data Enclave (GVDE).

More information can be found at: <http://www.meipokwan.org>

Registration is required. For enquiries, please contact [pci-event-app@cuhk.edu.hk](mailto:pci-event-app@cuhk.edu.hk) or 26076025.  
Please display the registration name for joining the Zoom lecture.

**Please register the lecture via the link:**

**<https://bit.ly/3PyNEhj>**

