



香港數學學會

The Hong Kong Mathematical Society

(Founded in 1979)

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URL: <https://www.polyu.edu.hk/ama/hkms/>

The Hong Kong Mathematical Society  
c/o Department of Applied Mathematics  
The Hong Kong Polytechnic University  
Hung Hom, Hong Kong

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## THE HONG KONG MATHEMATICAL SOCIETY ANNUAL GENERAL MEETING 2022

21 May 2022 (Saturday)  
9:00am – 12:00 noon

The Chinese University of Hong Kong

1. **On-site:** The Chinese University of Hong Kong (CUHK)
2. **On-line login information:**  
Topic: HKMS Annual General Meeting  
Time: 09:00 AM Hong Kong SAR, 21 May 2022  
Join Zoom Meeting: <https://polyu.zoom.us/j/4518791461>  
Meeting ID: 451 879 1461  
Passcode: 0521

### Schedule of Events

**Venue: LSK LT1, Lee Shau Kee Building, CUHK**

9:00am – 10:00am	HKMS Distinguished Lecture by Prof. Raymond Chan (CityU)
10:00am- 10:30am	Award Presentation Ceremony
10:30am-10:50am	Break
10:50am – 11:10am	Financial report
11:10am – 11:30am	Election/Re-election of HKMS council

**Venue: LSK 401, Lee Shau Kee Building, CUHK**

11:30am – 12noon Council meeting

**Venue: Chung Chi College Staff Club Clubhouse (崇基教職員聯誼會會所餐廳), CUHK**

12:00noon-14:00 Lunch

## **Title and Abstracts**

**Venue:** LSK LT1, Lee Shau Kee Building, CUHK

### **Distinguished lecture**

**Chair:** Prof. Tuen Wai Ng (HKU)

### **9:00am-10:00am: Prof. Raymond Chan (CityU)**

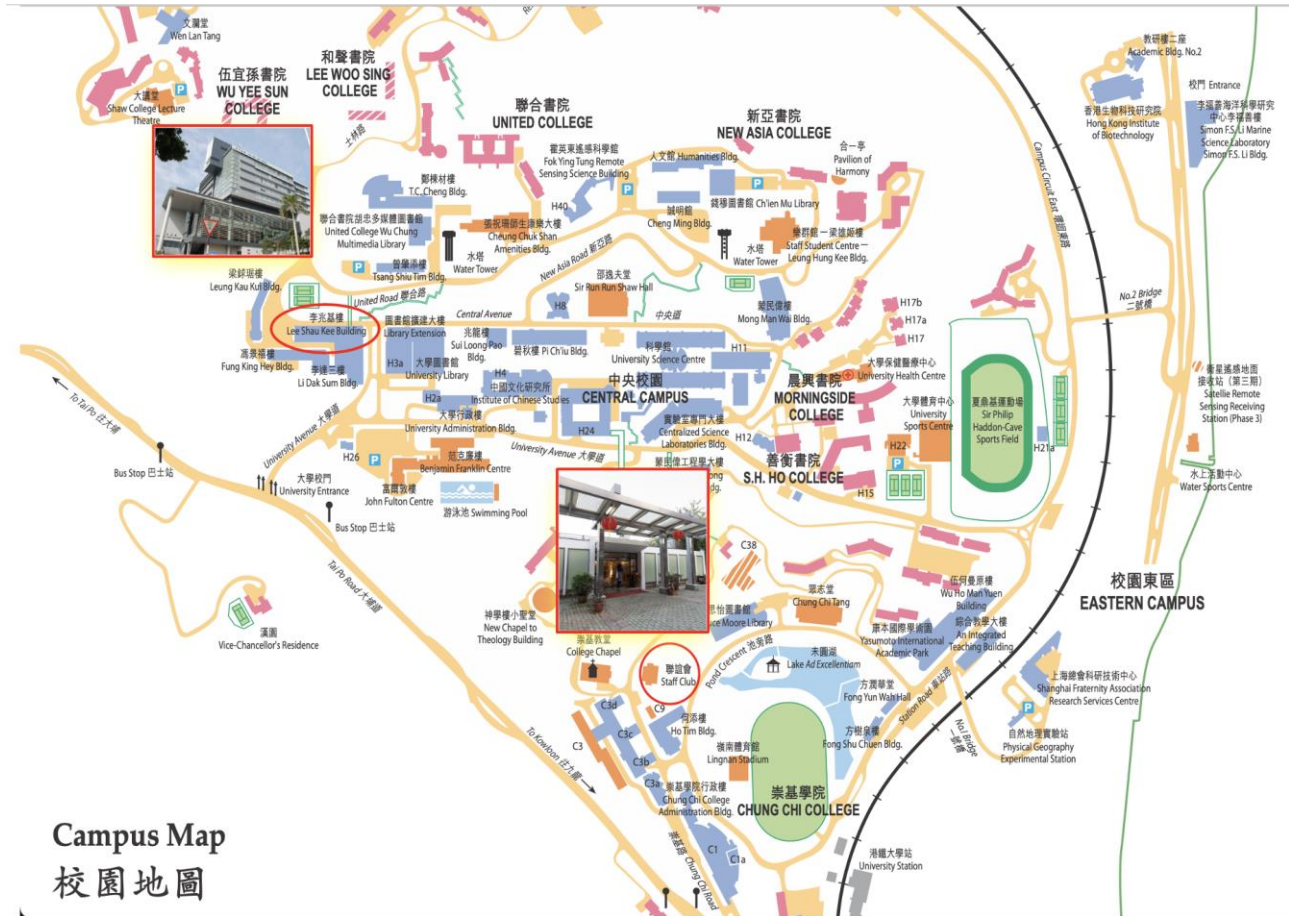
**Title:** Sparsity and its applications in imaging

**Abstract:** With the advances in sensor technology, data has become ubiquitous. To make sense of data we have to solve higher and higher dimensional problems that may seem intractable. However, many high-dimensional problems have solutions that live in low-dimensional spaces. Sparsity is a way to exploit the low-dimensional structure of the solutions to obtain feasible solutions for high-dimensional problems. In this talk, we will see how sparsity can be applied to facilitate the solutions of imaging problems, including magnetic resonance imaging, single-molecule localisation microscopy, and ground-based astronomy.

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## **Some tips for entering CUHK campus:**

1. The policy and guidance of entering CUHK in the situation of covid19
  - **CUHK Staff and students:** All staff and students accessing campus via CU Link Cards are required to update their vaccination record with information about your third dose via the COVID-19 Vaccination/Regular Testing Report System (VTR) to declare you have been vaccinated in accordance with government requirements. This means that even if you have already provided information regarding your second dose, you need to provide information as soon as possible after receiving your third dose. This will ensure compliance with the updated arrangements for Phase 3 of the “Vaccine Pass” Scheme. We also urge you to upload your vaccination records to the latest version of the Leave Home Safe app so that you can continue to access facilities such as canteens and other venues across the city. (所有持「中大通」進入校園的教職員及學生必須把包括第三劑在內的最新疫苗接種紀錄上載至疫苗接種紀錄 / 定期病毒檢測申報系統，申報已遵從政府規定接種疫苗。若你已於較早前申報第二劑疫苗接種紀錄，亦必須於接種第三劑疫苗後，盡快更新接種紀錄，以遵照「疫苗通行證」第三階段的最新安排。大學同時呼籲各成員把疫苗接種紀錄上載至最新版本的「安心出行」應用程式，方便進出全港餐飲處所及其他設施。)
  - **Outsiders/Visitors:** All visitors are required to present their “Vaccine Pass” for verification to show evidence of vaccination or exemption for medical reasons for accessing the University campus. (所有訪客在進入校園時，必須出示「疫苗通行證」，以供查核其疫苗接種紀錄或醫學豁免證明書。) You are kindly advised to conduct a quick test of covid before entering campus. All visitors are also required to show Hong Kong ID for registration when entering the campus (including those driving to CUHK).
  - **Car parking:** please register when you enter the CUHK campus and ask for car parking coupon afterwards from HKMS during the break.
2. A CUHK campus map labelling the meeting room and restaurant, as well as transportation information to CUHK are attached below.



Campus Map  
校園地圖

線號 Route No.	線路 Route	運作時段 Period of Operation	開出時間 Departure Time	停站 Calls at
1A	本部線 Main Campus	0740   1840	逢 Every 20, 40 (繁忙時段加強服務) (With additional service during peak periods) [S] + [NS]	
1B	本部線 Main Campus	0800   1800	逢 Every 00 [S]	
2	新聯線 NA/UC	0745   1845	逢 Every #00, 15 30, #45 [S] + [NS]	
				<p># 逢每小時 45 分及 00 分由港鐵大學站廣場開出停邵逸夫堂站 Every 45 and 00 minutes of the hour, the bus departs from Piazza will call at Sir Run Run Shaw Hall</p>
3	逸夫線 Shaw College	0900   1840	逢 Every 00, 20, 40 [S]	

**經大學港鐵站 From University MTR Station**

1A, 1B 或 2 號校車: 校車總站位於港鐵站 A 和 C 出口外, 在邵逸夫堂下車, 後步行約三分鐘至李兆基樓。

3 號校車: 校車總站位於港鐵站 D 出口對面, 在馮景禧樓下車, 再步行約一分鐘至李兆基樓。

School Bus Route No. 1A, 1B or 2: The bus stations are located outside the University MTR station exit A and C. Get off the school bus at Sir Run Run Shaw Hall and walk for about 3 minutes to Lee Shau Kee Building.

School Bus Route No. 3: The bus station is located opposite to the University MTR station exit D. Get off the school bus at Fung King Hey Building and walk for about 1 minutes to Lee Shau Kee Building.

**經大埔道 From Tai Po Road**

乘搭巴士(70, 72, 72A, 73A 及 74A)或綠色小巴 (28K, 28S), 於大埔道的中文大學正門的車站下車。從巴士站到李兆基樓, 步行約需五分鐘。

Take buses (no. 70, 72, 72A, 73A or 74A) or minibuses (28K, 28S), get off at the University main entrance at Tai Po Road and walk for about 6 minutes to Lee Shau Kee Building.