



# CSCIT 2021 Croucher Summer Course in Information Theory

23-27 August 2021

The Chinese University of Hong Kong

Financial Sponsor



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香港中文大學  
The Chinese University of Hong Kong



*We are inviting young researchers (especially postgraduate students and postdoctoral scholars), particularly in Hong Kong and the East/South Asia region to join the Summer School. This is an excellent opportunity to meet world-renowned experts in Information Theory and its Applications.*

**Format:** Hybrid mode - Physical and Online Attendance  
**Application and information:** <http://cscit.ie.cuhk.edu.hk/>

## Speakers



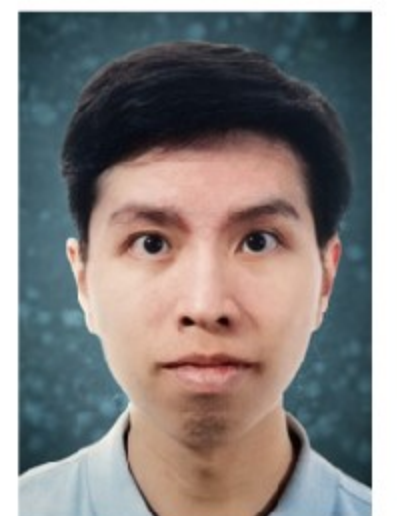
**Clément CANNONE**  
University of Sydney  
**Topic:** Estimation and hypothesis testing under information constraints



**Chung CHAN**  
City University of Hong Kong  
**Topic:** Mutual information in machine learning



**Siu On CHAN**  
The Chinese University of Hong Kong  
**Topic:** Random walk on high dimensional expanders



**Cheuk Ting LI**  
The Chinese University of Hong Kong  
**Topic:** Finite-blocklength schemes in information theory



**Noga RON-ZEWI**  
University of Haifa  
**Topic:** Locally-testable and locally-decodable codes



**Parastoo SADEGHI**  
University of New South Wales, Canberra Campus  
**Topic:** Fundamental trade-offs between privacy and utility in data sharing



**Changho SUH**  
Korea Advanced Institute of Science and Technology (KAIST)  
**Topic:** Fair machine learning via information theory

**Registration deadline: 20 June 2021**

**Notification of acceptance: 30 June 2021**