香港中文大學理學院
FACULTY OF SCIENCE
THE CHINESE UNIVERSITY OF HONG KONG

No.		Speaker	Topic	Suitable Level	Language of Talk	Talk Duration	Audience Size	Speaker Availability [1]
1	Chemistry	Dr. CHAN Ka Long Donald 陳家朗 博士	Can We Turn Carbon Dioxide into Fuels? **NEW** 二氧化碳轉化成燃料？	S.4 or above (Prefer students who study Chemistry)	English / Cantonese	45 mins	20 or above	December 2022 and January, April - July 2023
2		Dr. HAU Chun Kit Sam 侯俊傑 博士	Pure Water vs. Clean Water **NEW** 純水與淨水	S.4 or above	English / Cantonese	45 mins	20 or above	October 2022 - July 2023
3		Prof. NGAI To 魏濤 教授	When Chemistry meets Medicine: A Story of Chemical Coatings in Orthopedic Applications* **NEW** 「化」「骨」療法: 化學塗層的骨科醫學應用*	S.4 or above	English / Cantonese / Mandarin	45-60 mins	30 or above	October 2022 - April 2023
4			The Future of Plastic* **NEW** 塑膠的未來*	S.4 or above	English / Cantonese / Mandarin	45-60 mins	30 or above	October 2022 - April 2023
5		Prof. LI Hung Wing 李紅榮 教授	Nano and Medicine **NEW** 白色強人與納米	S.4 or above	English / Cantonese	45 mins	20 or above	October 2022 - July 2023
6	Earth and Environmental Sciences Programme	Dr. AU-YEUNG Yee Man Andie 歐陽綺雯 博士	Basic Weather Systems and Forecast* **NEW** 基本天氣系統和預測*	S.1 or above	English / Cantonese	30 - 45 mins	20 or above	November 2022 - July 2023
7		Dr. LI Kwan Kit Ronald 李鈞傑 博士	Extreme Weather and its Forecasting **NEW** 極端天氣及其預報	S.4 or above	English / Cantonese	45 mins	20 or above	January 2023 - July 2023
8	Life Sciences	Pro. KWAN Kin Ming 關健明 教授	A New Direction in Medicine: Gene and Stem Cell Therapy Technology 醫學新方向: 基因與幹細胞治療技術	S.4 or above	English / Cantonese	45 mins	20 or above	October 2022 - July 2023
9		Prof. PITTMAN Michael David 文嘉棋 教授	The Evolution of Flight in Dinosaurs **NEW** 恐龍展翅飛行的演化歷程	S4 or above	English / Cantonese	45 mins	50 or above	October 2022 - July 2023
10		Prof. NGO Chi Ki Jacky 敖志祺 教授	Life Science in Daily Life* **NEW** 日常生活中的生命科學*	S3 or above	English / Cantonese	50 mins	20 or above	December 2022 - July 2023
11			Structural Biology and Drug Discovery: How basic science saves lives* **NEW** 結構生物學和藥物研發：基礎科學如何挽救生命*	S3 or above	English / Cantonese	50 mins	20 or above	
12		Prof. CHUI Pui Yi Apple 崔佩怡 教授	Coral Resotation 101: Why are coral reefs important and what's being done to protect them **NEW** 珊瑚修復101: 珊瑚礁的重要性和現正實行的保護行動	S4 or above	Cantonese	45 mins	20 or above	April 2023
13		Prof. LAM Hon Ming 林漢明 教授	From STEM to STEAM: the journal of my soybean research 從STEM到STEAM：我的大豆科研之旅	S.1 or above	English / Cantonese / Mandarin	1 hour	20 or above	January - April 2023 (Afternoon only)
14		Prof. TSANG Ling Ming 曾令銘 教授	Life underwater: Diversity & Ecology of Marine Invertebrates in Hong Kong 水下生命: 香港海洋無脊椎動物多樣性及生態	S.1 or above	English / Cantonese	45 mins	20 or above	October 2022 - July 2023
15	Mathematics	Dr. CHAN Kai Leung 陳啟良 博士	Appreciation of Euler's formula V-E+F=2 欣賞尤拉公式 V-E+F=2	S.4 or above	Cantonese	1 hour	20 or above	January - July 2023
16		Dr. LI Chun Che Charles 李俊捷 博士	Primes, Number Theory and Algebra 質數、數論與代數	S.1 or above	Cantonese	1 hour	20 or above	January - July 2023 (Afternoon only)
17		Prof. LUI Lok Ming Ronald 雷樂銘 教授	Geometry and Medical Imaging 幾何與醫學圖像	S.4 or above	English / Cantonese	45 mins	50	May 2023
18		Prof. Michael McBREEN	Mathematics of the unknown and the unknowable	S.4 or above	English	45 mins	20 or above	October 2022 - July 2023 (Morning only)

Remarks:

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2. Equipment like PowerPoint projector, mic etc. are required for presentation use.

*Face to face presentation only.

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19	Mathematics	Dr. WONG Chak Fu Jeff 黃澤富 博士	All you need is "Computational Literacy"! 新時代你需要配備的是"計算素養"! NEW	S.3 or above	English / Cantonese	40-50 mins	20-100	October - December 2022 (Friday), January - April 2023 (Monday and Friday) and May - June 2023
20			Should you bet on it? Mathematics of gambling 該不該下注？博彩中的數學 NEW	S.3 or above	English / Cantonese	40-50 mins	20-100	
21			Understanding the apportionment paradox makes you happy! 讓人快樂的分攤悖論！ NEW	S.3 or above	English / Cantonese	40-50 mins	20-100	
22	Physics	Prof. LI Hua Bai 李華白 教授	The Birth of Stars 恆星生成 NEW	S.4 or above	English	45 mins	20 or above	October 2022 - July 2023 (Friday only)
23		Prof. WU Yilin 吳藝林 教授	Move in a Bacterial Way^ 微生物的運動 ^ NEW	S.4 or above	Cantonese / Putonghua	45 mins	20 or above	October 2022 - July 2023
24		Prof. YAN Renbin 嚴人斌 教授	Beyond beautiful - messages from deep space revealed by the James Webb Space Telescope 超越美麗的外表 - 韋伯太空望遠鏡靚照中隱含的深空信息 NEW	S.3 or above	English	45 mins	max 100	November - December 2022
25		Dr. LIN Lap Ming 練立明 博士	When Einstein meets supercomputing 當愛因斯坦遇上超級電腦 NEW	S.4 or above	Cantonese	45 mins	20 or above	October - December 2022 and March - July 2023
26		Prof. XU Lei 徐磊 教授	The Secret of Splashing^ 液滴飛濺的秘密^ NEW	S.4 or above	English	45 mins	20 or above	October 2022 - July 2023 (Afternoon only)
27	Statistics	Prof. CHAN Kin Wai 陳健威 教授	From Big Data to Smart Data 大數據的智能演繹 NEW	S.4 or above	Cantonese	45 mins	20 or above	October - December 2022 (Tuesday, Thursday and Friday) January 2023 - April 2023 (except Thursday)
28			Exploring the meaning of y=f(x): from correlation to causality 探索y=f(x)之迷：從相關性到因果性 NEW	S.4 or above	Cantonese	45 mins	20 or above	
29		Dr. HO Kwok Wah 何國華 博士	Application of Statistics in Business* 統計在商業之應用* NEW	S.5 or above	Cantonese	30-45 mins	20-50	October 2022 - July 2023
30		Prof. SIT Tony 薛賢鴻 教授	You may also like … (this talk) - How can recommender systems read your mind? 你或許還會喜歡 … (這講座）- 推薦系統是如何讀懂你 NEW	S.4 or above (Preferrably M1/M2 students)	English	45 mins	20 or above	April 2023 (Afternoon only)
31		Dr. John Alexander WRIGHT 衛約翰 博士	How to win at Monopoly 富翁攻略	S.1 or above	English	45 mins	20 or above	October 2022 - July 2023 (Tuesday to Friday, Afternoon only)
32			How to find your Mr/Mrs Right 眾裏尋他/她千百度	S.1 or above	English	45 mins	20 or above	

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^ Online presentation only.

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