



No.	Speaker	Topic	Suitable Level	Language of Talk	Talk Duration	Audience Size	Speaker Availability <sup>(1)</sup>	
1	Chemistry	Dr. CHAN Ka Long Donald 陳家朗 博士	Green Chemistry: Applications of Catalysis 綠色化學：催化技術的應用 <b>NEW</b>	S.4 or above (Prefer students who study Chemistry)	English / Cantonese	45 mins	December 2021 and January, April - July 2022	
2		Dr. HAU Chun Kit Sam 侯俊傑 博士	Chemistry in Life – Cosmetic Science 化妝品的化學	S.3 or above	English / Cantonese	45 mins	December 2021 and April - May 2022	
3		Prof. NGAI To 魏濤 教授	The Science and Materials Behind Facemasks 口罩背後隱藏的科學和材料 <b>NEW</b>	S.4 or above	English / Cantonese / Mandarin	45-60 mins	30 or above	October 2021 - May 2022
4		Prof. XIA Jiang 夏江 教授	Genetic Scissors 基因剪刀 <b>NEW</b>	S.3 or above	English	30 mins	20 or above	/
5	Earth System Science	Dr. AU-YEUNG Yee Man Andie 歐陽綺雯 博士	Tropical Cyclone 101 颱風101 <b>NEW</b>	S.3 or above	Cantonese	45 mins	20 or above	/
6		Prof. CHAN Man Nin 陳文年 教授	COVID-19's Impacts on Our Air Quality COVID-19 對我們空氣質素的影響	S.1 or above	Cantonese	45 mins	20 or above	/
7		Dr. TAM Pui Yuk Tammy 譚佩玉 博士	A Virtual Reality (VR) Geotour 坐定地地質遊 (VR) <b>NEW</b>	S.3 or above	English / Cantonese	45 mins	20 or above	/
8			"Reading" crystals (AR) 解讀礦物 (AR) <b>NEW</b>	S.3 or above	English / Cantonese	45 mins	20-40	/
9	Life Sciences	Prof. HUI Ho Lam Jerome 許浩霖 教授	Evolution from single molecules to organisms 從簡單分子到有機體的進化	S.5 or above	English / Cantonese	45 mins	20 or above	March - June 2022 (Afternoon only)
10		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 - July 2022 (Afternoon only)
11		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 <b>NEW</b>	S.1 or above	English / Cantonese	30-45 mins	20 or above	October 2021 - July 2022 (Afternoon only)
12	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 $V-E+F=2$ <b>NEW</b>	S.4 or above	Cantonese	1 hour	20 or above	January - July 2022
13		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 2022 (Afternoon only)
14		Prof. LUI Lok Ming Ronald 雷樂銘 教授	Geometry and Medical Imaging 幾何與醫學圖像 <b>NEW</b>	S.4 or above	English / Cantonese	45 mins	50	May 2022
15		Prof. Michael McBREEN	Mathematics of the unknown and the unknowable	S.4 or above	English	45 mins	20 or above	October 2021 - July 2022 (Morning only)

- Remarks:**
- Talks shall be arranged on Monday to Friday between October 2021 and July 2022, unless stated otherwise. Holidays are excluded. Final arrangement will be subject to the availability of speaker selected.
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16	Mathematics	Dr. WONG Chak Fu Jeff 黃澤富 博士	Dunbar's number explains humans' friendship circle 鄧巴數解釋了人類的友誼圈 <b>NEW</b>	S.3 or above	English / Cantonese	40-50 mins	20-100	October - December 2021 (Monday and Friday), January - April 2022 (Thursday and Friday) and May - June 2022
17			Education? Entertainment? You are never too old to play! 教育? 娛樂? 寓教於樂! 活到老玩到老, 玩無止境! <b>NEW</b>	S.3 or above	English / Cantonese	40-50 mins	20-100	
18			Talk on the XOR Calculator using an artificial neural network based algorithms 使用基於人工神經網絡的算法討論XOR計算器 <b>NEW</b>	S.3 or above	English / Cantonese	40-50 mins	20-100	
19	Physics	Dr. LEUNG Po Kin 梁寶建 博士	The Swan Song of Star 星之挽歌	S.4 or above	English / Cantonese	45 mins - 1 hr	20 or above	October - December 2021 (Monday Morning, Tuesday Morning, Friday Afternoon only) and January - May 2022 (Monday and Friday)
20			The Origin of the Universe 宇宙的起源	S.4 or above	Cantonese	45 mins - 1 hr	20 or above	
21			Hunt for Life in the Universe 尋找外星生命	S.1 or above	Cantonese	45 mins - 1 hr	20 or above	
22	Physics	Dr. LIN Lap Ming 練立明 博士	Neutron star: A giant atomic nucleus 中子星: 巨大的原子核 <b>NEW</b>	S.4 or above	Cantonese	45 mins	20 or above	November - December 2021 and April - July 2022
23		Prof. WANG Yi 王一 教授	Exploring the World of Biological Macromolecules with Computer Modeling 以電腦模擬探索生物大分子的世界	S.4 or above	English	45 mins	20 or above	January - May 2022 (Afternoon only)
24	Statistics	Prof. CHAN Kin Wai 陳健威 教授	Causal inference: another you in a parallel universe 因果推論: 平行世界中的另一個你	S.4 or above	English / Cantonese	45 mins	20 or above	/
25		Dr. HO Kwok Wah 何國華 博士	Application of statistics in business 統計在商業之應用	S.5 or above	Cantonese	30-45 mins	20-50	January - July 2022
26		Dr. John Alexander WRIGHT 衛約翰 博士	How to win at Monopoly 富翁攻略 <b>NEW</b>	S.1 or above	English	45 mins	20 or above	October 2021 - July 2022 (Tuesday to Friday, Afternoon only)
27			How to find your Mr/Mrs Right 眾裏尋他/她千百度 <b>NEW</b>	S.1 or above	English	45 mins	20 or above	

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