

**THE CHINESE UNIVERSITY OF HONG KONG**  
**Faculty of Science**  
**Popular Science Talks 2008-2009**

**REVISED**

No.	Dept./Prog.	Speaker	Topic	Suitable level
1.	Biochemistry	Prof Shannon Au	Superbug War 超級細菌戰	F.4 or above
2.		Prof Faye S Y Tsang	Cell Therapy and Diseases 細胞療法與疾病	F.4 or above
3.	Biology/Molecular Biotechnology	Prof Ka Hou Chu	Fun with Phylogenetics: The Origins of Whales and HIV 進化歷史拾趣：追溯鯨魚和HIV病毒的起源	F.4 or above
4.		Prof Ming Chiu Fung	Gene Therapy – From Laboratory to Clinical Application 基因治療 – 從實驗室到臨床應用	F.4 or above
5.		Prof Kin Ming Kwan	A New Hope in Medicine: Stem Cell Therapy 醫學的新希望：幹細胞治療	F.4 or above
6.	Biology	Prof Chong Kim Wong	Life in the Plankton 浮游生物	F.4 or above
7.	Chemistry	Prof Kin Shing Chan	Olympic Chemistry	F.1 – F.7
8.			Painkiller Drugs	F.6 – F.7
9.			Melamine in Milk Powder 三聚氰胺的奶粉	F.1 – F.7
10.		Prof Hung Kay Lee	The Chemistry of Some Common Soft Drugs 從化學角度看軟性藥物	F.4 or above
11.		Prof Bo Zheng	Origin of Life – A Chemical Perspective 生命起源的化學基礎	F.5 – F.7
12.	Chinese Medicine	Prof Zhixiu Lin	Acupuncture and Pain Control 針刺和鎮痛	F.1 – F.7
13.		Miss Sze Nga Chan	The Four Diagnostic Methods in Chinese Medicine 淺談四診	F.1 – F.7
14.	Environmental Science	Prof King Ming Chan	Global Warming: Its Challenges and Solutions 全球暖化的挑戰與出路	F.4 – F.7
15.			Sustainable Development and Environmental Policy of HKSAR Government 持續發展：特區政府的環保政策和可持續發展策略	F.4 – F.7
16.			Is Zero Waste Possible? 零廢料可能嗎？	F.4 – F.7
17.		Prof John W S Ho	Is It Possible to Prevent Cancer Development? 可否防止癌症形成嗎？	F.4 – F.7
18.	Food & Nutritional Sciences	Prof Peter C K Cheung	The Science behind Gourmet Food 美食背後的科學	F.4 or above
19.		Prof Georgia S Guldán	Trans-Fatty Acids: What Are They and How Can We Avoid Them?	F.4 or above
20.		Prof Hoi Shan Kwan	Microbial Hazards and Food Safety 微生物風險與食物安全	F.4 or above
21.		Prof Lai Kwok Leung	Functions of Vitamins 維他命的功用	F.5 – F.7
22.		Prof Ka Hing Wong	The Upcoming Nutrition Labelling Scheme in Hong Kong 快將推行的營養標籤制度	F.1 – F.7
23.	Mathematics	Dr Wing Chung Fong	Fields and Constructibility Problems 數體與構作問題	F.4 – F.6
24.		Dr Chi Hin Lau	Calculus: Its History and Development 微積分：它的歷史和發展	F.3 or above
25.			Mathematical Games and Magic 數學遊戲與魔術	F.1 – F.3
26.	Dr Charles Li	An Introduction to Diophantine Equations 淺談丟番圖方程	F.4 – F.6	
27.	Molecular Biotechnology	Prof Ming Chiu Fung	The Mystery of “Mad Cow” Disease 瘋牛症	F.4 or above
28.		Prof Diane D J Guo	Bioinformatics: A Marriage between Biology and Computers 生物信息學：生物學與電腦之結合	F.4 or above
29.		Prof Sai Ming Ngai	Epigenetics 表觀遺傳	F.6 or above
30.	Physics	Dr Cheng Kai Ming	The Active Earth 活力地球	F.4 or above
31.			The Brief History of the Universe 宇宙史話	F.4 or above
32.		Prof Wing Kee Lee	Laser Principles and Applications 激光原理和應用	
33.	Risk Management Science/Statistics	Prof Siu Hung Cheung	Binomial Distribution and Its Application 二項分佈及其應用	F.6 or above
34.		Dr Kwok Wah Ho	Probability with Applications to Insurance 概率：保險業之應用	F.6 or above
35.		Prof Hoi Ying Wong	Risk: Everything You Wanted to Know But Were Afraid to Ask 風險：來龍去脈	F.6 or above
36.		Prof Ka Ho Wu	Drug Test 藥物測試	F.6 or above
37.	Molecular Biotechnology	Prof Edwin Chan	Using Fruit Fly to Study Human Diseases 有益的“害蟲”——果蠅	F.5 – F.7
38.		Prof Ka Hou Chu	DNA Barcode: The Magic Bullet for Species Diagnosis? DNA 條碼是否鑒定物種的「魔術子彈」？	F.4 – F.7