



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

理學院及柳愛華紀念基金主辦
Organized by the Faculty of Science
and The Lau Oi Wah Memorial Fund

20th Lau Oi Wah Memorial Science Lecture Series

第二十屆柳愛華紀念科學講座

Solving Molecular Mysteries: How Computers and Artificial Intelligence are Changing the Way We Do Chemistry

破解分子之謎：電腦與人工智慧如何改變化學研究方式

In this talk, you will step into the hidden world of molecules, the tiny building blocks that make up everything from medicines and plastics to the air we breathe. You will explore how computers help chemists “zoom in” on molecules and how artificial intelligence (AI) is making this even faster and smarter, by learning patterns from huge amounts of chemical data and helping researchers discover new materials and new medicines.

在這場講座中，我們將走進分子的隱藏世界：這些微小的「積木」構成了我們身邊的一切，由藥物和塑料到我們呼吸的空氣。我們將一起探索計算機如何幫助化學家「放大」分子世界，模擬分子的運動，我們也會了解人工智能如何令一切變得更快、更聰明：從海量化學數據中學習規律，幫助研究人員發現新材料同新藥物。



Prof. ZHANG Xinglong
(Department of Chemistry)
章興龍教授 (化學系)



Future Weather

未來天氣

Has the weather in recent years become increasingly “abnormal”? Are extreme weather events becoming more frequent? In this talk, we will explore together what changes scientists have discovered in the Earth's atmosphere in the past and how physicists and meteorologists use advanced technologies such as supercomputers, AI to forecast the future weather.

近年的天氣是否越來越「不正常」？極端天氣是否越來越頻繁？在這個講座中，我們將一起探討地球大氣過去發生了什麼變化，而物理學家和氣象學家又怎樣利用超級電腦、AI等尖端科技預測未來天氣。

Prof. LI Ping Wah
(Department of Physics)
李炳華教授 (物理系)

Date: 17 April 2026 (Friday)
日期: 二零二六年四月十七日 (星期五)
Time: 2:30 pm – 4:30 pm
時間: 下午2時30分至4時30分
Venue: LT4, Cheng Yu Tung Building, CUHK
場地: 香港中文大學鄭裕彤樓4號演講廳

For details and
registration:

