

## Directorate



### Professor Serge Haroche

Chairman (主席)  
Nobel Laureate in Physics



### Professor Jacob C. Huang

黃志青教授  
Executive Director (執行院長)  
Chair Professor of Materials Science

## International Advisory Board



### Professor David D. Ho

何大一教授

Scientific Director & CEO of the Aaron Diamond  
AIDS Research Center  
Member of US Institute of Medicine &  
Academia Sinica in Taiwan



### Dr Kai-Fu Lee

李開復博士

Chairman & CEO of  
Sinovation Ventures



### Institute for Advanced Study

6/F, Fong Yun-wah Building  
City University of Hong Kong  
83 Tat Chee Avenue  
Kowloon Tong, Hong Kong

Tel: +852 3442-6611  
Fax: +852 3442-0825  
Email: [ias@cityu.edu.hk](mailto:ias@cityu.edu.hk)  
Facebook: [www.facebook.com/ias.cityu.hk](https://www.facebook.com/ias.cityu.hk)



[www.ias.cityu.edu.hk](http://www.ias.cityu.edu.hk)



香港城市大學  
City University of Hong Kong  
專業 創新 國際化  
Professional Creative  
For The World

City University of Hong Kong  
**Institute for  
Advanced Study**



Inauguration of  
Institute for Advanced Study



NOBEL SCIENCE  
6 - 10 November



## City University of Hong Kong Institute for Advanced Study

[www.ias.cityu.edu.hk](http://www.ias.cityu.edu.hk)



香港城市大學  
City University of Hong Kong

## Vision

The City University of Hong Kong (CityU) envisions to build an Institute for Advanced Study (IAS) that will gather some of the best minds in science, to pursue curiosity-driven ideas and studies, and to conduct unfettered research based on free and deep thinking; an institute where the goals are to seek truth, to advance knowledge and to better humanity.

## Mission

The intellectual and scholarly activities at the IAS will contribute fundamental knowledge and innovative ideas to the frontiers of science, engineering and technology. Endeavors at the IAS include both basic and applied research across disciplines such as mathematics, natural science, materials science, and life science. It is also the goal of the IAS to further raise the global profile of the science and engineering community at CityU and other academic/research institutions in Hong Kong and Greater China. Our IAS appoints Fellows from the ranks of scholars and researchers who are internationally recognized leaders in their fields. The IAS is committed to fostering an environment that provides them ample opportunities to work with and mentor other research fellows, young scholars and students through IAS Distinguished Lectures/Workshops, and many other activities and events.

## Senior Fellows (資深院士)



### Professor Alain Aspect

Professor at Institut d'Optique Graduate School, France  
Member of the French Academy of Sciences  
Foreign Member of the Royal Society, UK  
Wolf Prize Laureate in Physics



### Professor Sir John Ball

Director of the Oxford Centre for Nonlinear PDE, UK  
Fellow of the Royal Society, UK  
Member of the Academia Europaea  
Foreign Member of the Istituto Lombardo, Italy



### Professor Sir Colin Blakemore

Emeritus Fellow at the Magdalen College, University of Oxford  
Fellow of Academy of Medical Sciences, UK  
Fellow of the Royal College of Physicians, UK  
Fellow of the Royal Society, UK



### Professor Chun-Yen Chang

張俊彥教授

Professor Emeritus at the National Chiao Tung University, Taiwan  
Member of the Academia Sinica, Taiwan  
Foreign Member of the National Academy of Engineering, USA  
Presidential Science Prize of Taiwan



### Professor Philippe G Ciarlet

University Distinguished Professor at City University of Hong Kong  
Member of the French Academy of Sciences  
Member of the Academia Europaea  
Foreign Member of the Chinese Academy of Sciences



### Professor Herbert Gleiter

Distinguished Senior Fellow at the Karlsruhe Institute of Technology, Germany  
Member of the German National Academy of Sciences  
Member of the American Academy of Arts and Sciences  
Foreign Member of the US National Academy of Inventors



### Professor Serge Haroche

Professor at the Collège de France  
Member of the French Academy of Sciences  
Foreign Member of the National Academy of Sciences, USA  
Nobel Laureate in Physics



### Professor Tomas Hökfelt

Professor at the Karolinska Institutet, Sweden  
Member of Swedish Royal Academy of Sciences  
Member of the Academia Europaea  
Foreign Member of the National Academy of Sciences, USA



### Professor Frank Kelly

Professor at the University of Cambridge  
Chair of the Advisory Committee on Mathematics Education, UK  
Fellow of the Royal Society, UK  
Foreign Member of the National Academy of Engineering, USA



### Professor Way Kuo

郭位教授

President of City University of Hong Kong  
Member of the National Academy of Engineering, USA  
Member of the Academia Sinica, Taiwan  
Foreign Member of the Chinese Academy of Engineering



### Professor Jean-Marie Lehn

Professor at the Université Louis Pasteur, Strasbourg  
Foreign Member of the Chinese Academy of Sciences  
Member of the French Academy of Sciences  
Nobel Laureate in Chemistry



### Professor Tatsien Li

李大潛教授

Professor at Fudan University, Shanghai  
Member of the Chinese Academy of Sciences  
Fellow of The World Academy of Sciences  
Foreign Member of the French Academy of Sciences



### Professor Pierre-Louis Lions

Professor at the Collège de France  
Member of the Academia Europaea  
Member of the French Academy of Sciences  
Fields Medalist



### Professor Chain-Tsuan Liu

劉錦川教授

University Distinguished Professor at City University of Hong Kong  
Member of the National Academy of Engineering, USA  
Member of the Academia Sinica, Taiwan  
Foreign Member of the Chinese Academy of Engineering



### Professor Jian Lu

呂堅教授

Vice-President (Research and Technology) at City University of Hong Kong  
Member of the National Academy of Technologies, France  
Fellow of the Society for Experimental Mechanics, USA  
Fellow of the Hong Kong Academy of Engineering Sciences



### Professor Ke Lu

盧柯教授

Director of the Shenyang National Laboratory for Materials Science, China  
Member of the Chinese Academy of Sciences  
Member of the German Academy of Sciences Leopoldina  
Fellow of The World Academy of Sciences



### Professor Tobin J. Marks

Professor at Northwestern University, USA  
Member of the National Academy of Engineering, USA  
Member of the National Academy of Sciences, USA  
Fellow of the Royal Society of Chemistry, UK



### Professor Hsien-Yung Pai

白先勇教授

Emeritus Professor at the University of California, Santa Barbara  
Co-founder of Modern Literature Magazine  
Acclaimed Author of "Taipei People" (《臺北人》) and "Lonely Seventeen" (《寂寞的十七歲》)  
General Producer and Artistic Director of new Kun Opera "Peony Pavilion" (青春版《牡丹亭》)



### Professor Robert O. Ritchie

Professor at the University of California, Berkeley  
Member of the National Academy of Engineering, USA  
Fellow of the Royal Society, UK  
Foreign Member of the Russian Academy of Sciences



### Professor Jean Salençon

Professor Emeritus at the Ecole Polytechnique, France  
Member of the French Academy of Sciences  
Member of the French Academy of Technologies  
Member of the Academia Europaea



### Professor Frank Shu

徐遵生教授

Professor Emeritus at the University of California, San Diego  
Member of the National Academy of Engineering, USA  
Member of the Academia Sinica, Taiwan  
Recipient of the Shaw Prize in Astronomy



### Professor Stephen Smale

National Medal of Science, USA  
Member of the National Academy of Sciences, USA  
Fields Medalist  
Wolf Prize Laureate



### Professor David Srolovitz

Professor at the University of Pennsylvania, USA  
Member of National Academy of Engineering, USA  
Fellow of Materials Research Society, USA  
Recipients of MRS Materials Theory Award



### Professor Ovid Jyh-Lang Tzeng

曾志朗教授

Chancellor of the University System of Taiwan  
Member of the Academia Sinica, Taiwan  
Member of the European Academy of Sciences and Arts  
Fellow of the World Academy of Sciences



### Professor Klaus von Klitzing

Director of the Max Planck Institute for Solid State Research, Germany  
Honorary Member of the German Physical Society  
Foreign Member of the Royal Society, UK  
Nobel Laureate in Physics



### Professor Qi-Kun Xue

薛其坤教授

Vice-President (Research) at the Tsinghua University, Beijing  
Director of the State Key Laboratory of Low-Dimensional Quantum Physics, Beijing  
Member of the Chinese Academy of Sciences  
Recipient of the TWAS Prize in Physics



### Professor David D. Yao

姚大衛教授

Professor at Columbia University, USA  
Member of the National Academy of Engineering, USA  
Fellow of the Institute of Electrical and Electronics Engineers, USA  
Fellow of the Institute for Operations Research and Management Sciences, USA