CITY UNIVERSITY Distinguished Lecture Series

Year 2014 - 2016

By Office of the Vice-President (Research and Technology)
A university is not only a place to earn a degree and secure a future career. A globally recognised institute of higher education should be a seat of learning, too.

The series has also come to characterise the overall direction that CityU has adopted over the past few years. Our Strategic Plan Making a Difference through Excellence in Research and Professional Education 2015-2020 pays particular attention to interdisciplinary approaches to addressing global challenges, strengthening internationalisation and global partnerships, and promoting knowledge transfer. These key elements are reflected strongly in the lectures delivered under the auspices of the series.

I would like to invite you to join me in reviewing the past lectures recorded in this booklet in the expectation that you will be impressed by the quality of our international speakers and their visionary approaches to the topics covered.

Thank you.
I am delighted to present this newly published City University Distinguished Lecture Series booklet. It provides a valuable historical record of the world-class lectures that have been delivered by renowned scholars, Nobel Laureates and social leaders over the years at CityU. It makes for fascinating reading as we travel back in time to the richly varied talks that have been held. Indeed, the booklet is a fitting means of reflecting on CityU’s achievements in recent years. It encapsulates our strong international network fostering greater understanding, building closer ties, creating a vibrant and diverse learning environment, providing an intercultural learning experience, and nurturing our students’ global vision.

The booklet also serves to complement the notable progress that CityU has made in recent years in world rankings. The backdrop to the series, and to each lecture delivered, is that CityU is making rapid progress towards a world-class university. According to recent QS rankings, CityU is now ranked 55th in the world, 7th in Asia and 4th among the world’s top 50 universities under 50 years of age in 2016.

So I hope you enjoy reading about the lectures, and that you have time to attend future talks in the series!

Thank you.
Professor Thomas Kailath
Hitachi America Professor of Engineering, Emeritus
Stanford University

The Process of Making Breakthroughs in Engineering
📅 28 September 2016

Sir Colin Blakemore
Professor of Neuroscience & Philosophy
School of Advanced Study, University of London
Emeritus Professor of Neuroscience
University of Oxford

What’s So Special About the Human Brain?
📅 16 August 2016

Professor George Fu Gao
Director of Institute of Microbiology
Chinese Academy of Sciences
Vice-President of Beijing Institutes of Life Science
Chinese Academy of Sciences
Deputy Director-General of Chinese Center for Disease Control and Prevention

Host jump:
Flu, MERS-CoV, Ebola and Zika
📅 26 May 2016

Dr K. Kasturirangan
President of National Academy of Sciences, India
Chancellor of Jawaharlal Nehru University
Satish Dhawan Chair for Engineering Eminence of Indian National Academy of Engineering

India in Transformation and Vision for Science
📅 20 May 2016
Professor Chang Chun-Yen  
National Endowed Chair Professor  
President Emeritus  
National Chiao Tung University  

New Horizon of FinFETs with Internal Gate and Negative Capacitance  
📅 3 May 2016

Professor Roger Cashmore  
Chairman, UK Atomic Energy Authority  

Sustainable Energy and a Sustainable Environment for the 21st Century: The Role of Nuclear Power Generation  
📅 22 March 2016

Professor David R. Clarke  
Extended Tarr Family Professor of Materials  
John A. Paulson School of Engineering and Applied Sciences  
Harvard University  

Progress Towards High-Temperature Thermoelectric Materials for Electric Power Generation  
📅 17 March 2016

Professor Chen Hesheng  
Director of Beijing Electron-Positron Collider National Laboratory  
Institute of High Energy Physics  
Academician of Chinese Academy of Sciences  

China Spallation Neutron Source  
📅 2 February 2016
SCIENCE AND ENGINEERING

Dr Wu Dong-yang

Vice President of Boeing Research & Technology (China)

Flying High in the Sky: Looking Back and Ahead

15 October 2015

Professor Hung Mien-chie

Vice President for Basic Research
The University of Texas MD Anderson Cancer Center

Cancer, still "Cancer"?
癌不再是癌

29 September 2015

Professor Ziyuan Ouyang

Academician of the Chinese Academy of Sciences

China's Dream in Lunar Exploration

24 September 2015

Professor Chao Han Liu

Academician of Academia Sinica

From Global Change to Future Earth - Research for Global Sustainability

24 July 2015
Professor Wang Enge
王恩哥教授
Vice President of the Chinese Academy of Sciences
中國科學院副院長
Chair Professor of Physics, Peking University
北京大學物理學院講席教授

Ice Surface: Insights from Recent Study
📅 26 June 2015

Professor Wing Hung Wong
Stephen R. Pierce Family Goldman Sachs Professor in Science and Human Health
Stanford University

Statistics and Sequencing Technology
📅 22 June 2015

Professor Dennis Lo
Fellow of the Royal Society, United Kingdom
Foreign Associate of the US National Academy of Sciences
King Faisal International Prize in Medicine (2014)

Non-invasive Prenatal and Cancer Tests: Two Sides of the Same Coin
📅 27 April 2015

Professor Ada Yonath
Director, Kimmelman Center for Biomolecular Structure and Assembly
Weizmann Institute of Science
Nobel Laureate in Chemistry (2009)

From Basic Science to Advanced Medicine
📅 21 April 2015
SCIENCE AND ENGINEERING

Professor Li-jun Wan
President, University of Science and Technology of China
Professor, Institute of Chemistry
Chinese Academy of Sciences

Electrochemistry in Energy Conversion and Storage: Materials and Interfacial Structure
📅 21 April 2015

Professor Poo Mu-ming
Paul Licht Distinguished Professor in Biology, U.C. Berkeley
Director of Institute of Neuroscience
Chinese Academy of Sciences

Neural Plasticity: From Synapse to Cognition
📅 13 April 2015

Professor Sidney Yip
Professor Emeritus
Department of Nuclear Science and Engineering
Department of Materials and Engineering
Massachusetts Institute of Technology, USA

Nuclear Science and Technology in a Sustainable World
📅 3 March 2015

Professor Stephen Forrest
Departments of Electrical Engineering and Computer Science, Physics and Materials Science and Engineering
University of Michigan, Ann Arbor, MI

Making Small Things Big in the World of Organic Electronics
📅 9 January 2015
Professor Gao Wen  
Professor in Computer Science and Electronic Engineering, Peking University  
Vice President of National Natural Science Foundation of China  
Challenges on Video Processing Techniques in Smart City Systems  
智慧城市系統中視頻處理技術的挑戰  
📅 23 December 2014

Professor Frank Shu  
Distinguished Research Fellow of Academia Sinica  
Reversing Climate Change: Using Carbon Technology to Offset Carbon Emission  
📅 3 December 2014

Professor David D. Ho  
Scientific Director and CEO Aaron Diamond AIDS Research Center, US  
Novel Approaches to HIV Prevention  
📅 12 November 2014

Professor Roger Wets  
Distinguished Research Professor of Mathematics University of California, Davis  
Renewable Energy: New Challenges and Rewards  
📅 28 October 2014
Professor Pan Zi-qiang
Academician of the Chinese Academy of Engineering
中國工程院院士

The Development of Radiation Safety
輻射安全的進展

25 September 2014

Professor Andrew Yao
Dean of the Institute for Interdisciplinary Information Sciences at Tsinghua University
Distinguished Professor-at-Large at the Chinese University of Hong Kong

Quantum computing:
A Great Science in the Making

27 October 2014

Dr Thomas Mason
Director of Oak Ridge National Laboratory
U.S. Department of Energy

Science Technology for the Energy Challenge

15 September 2014

Professor Michael Waterman
University Professor at University of Southern California

Mathematical and Statistical Problems from DNA Sequencing

8 September 2014
Lecture can be reviewed at
http://www.cityu.edu.hk/vprt/cityu-dls/past-lectures.htm

SCIENCE AND ENGINEERING

Professor Maxime Schwartz
Former General Director of Institut Pasteur

The New Infectious Diseases: Where Do They Come From?
📅 30 May 2014

Professor Herbert Gleiter
Senior Member and Institute Professor of the Institute of Nanotechnology
Karlsruhe Institute of Technology

Nanostructured Solids — From Nanoglasses to Quantum Transistors: The Door to a New Generation of Technologies?
📅 14 May 2014

Professor Liang Di-gang
梁狄剛教授
Expert in Petroleum Exploration and Development

Development and Prospects of Petroleum and Natural Gas in China
 중국石油天然氣的發展與前景展望
📅 5 March 2014
Dr Francesco Vossilla
Member of the Accademia delle Arti del Disegno di Firenze
President of the Società di Studi Giuseppe Castiglione-Lang Shining

Giuseppe Castiglione Jesuit missionary and court painter in Beijing
📅 25 May 2016

Professor Ovid J. L. Tzeng
Chancellor of the University System of Taiwan
Distinguished Research Fellow and Academician of Academia Sinica

Language, Diversity, and Complexity: A Neurobiological Approach to the Three Ss (Speech, Sign Language, and Script) of Human Communication
📅 5 May 2016

Fung Ming-chu
馮明珠院長
Director of the National Palace Museum

Portrayals from a Brush Divine: Giuseppe Castiglione’s Achievements, Art and Influence over Chinese Art
📅 25 April 2016

Professor Rogers Smith
Christopher H. Browne Distinguished Professor of Political Science
University of Pennsylvania

Beyond Sovereignty and Uniformity: Pursuing Moderation and Pluralism in the 21st Century
📅 14 December 2015
Professor Yi-long Huang
黃一農教授
Academician, Academia Sinica
中央研究院院士

Dream of the E-Red Chamber:
Big Data Impact on Historical Research and Its Opportunities
紅樓 e 夢：
試論大數據對文史研究的衝擊與機遇
📆 27 October 2015

Colonel Johnny Shen Chung-li
沈宗李教官
Former member of Black Cat Squadron
前黑貓中隊隊員

Flying High in the Sky:
Looking Back and Ahead
奮翼藍天任翱翔：回顧與前瞻
📆 15 October 2015

Professor Yu Kwang-chung
余光中教授
Professor Emeritus, National Sun Yat-sen University
國立中山大學榮休教授

From Classical Literature to
Modern Poetry
從古典文學到現代詩
📆 9 April 2015

Professor Peter Burke
 Emeritus Professor of Cultural History
Cambridge University

Conditions of Innovation:
Can We Learn from History?
📆 26 November 2014
Professor Loren W. Crabtree
Emeritus Chancellor and Distinguished Professor of History
University of Tennessee

Echoes of 1914:
Does History Rhyme?
📅 5 November 2014

Fung Ming-chu
馮明珠院長
Director of the National Palace Museum
國立故宮博物院院長

Challenges and Changes —
Development of National Palace Museum
over the last 50 Years
挑戰與應變 —
談國立故宮博物院近五十年來的變化
📅 3 November 2014

Professor Yuan Ming
袁明教授
Professor of the School of International Studies
Peking University
北京大學國際關係學院教授
Director of the Center for American Studies
Peking University
北京大學美國研究中心主任

The Multi-cultural World and
Future of Chinese Culture
世界多元文化激盪交融與中國的未來
📅 9 October 2014

Professor Wang Anyi
王安憶教授
Vice-Chairman of Chinese Writers Association
中國作家協會副主席
Professor, Fudan University
復旦大學教授

The Multi-cultural World and
Future of Chinese Culture
世界多元文化激盪交融與中國的未來
📅 9 October 2014
The Multi-cultural World and Future of Chinese Culture

Professor Zhang Qicheng
張其成教授
Dean of the School of Chinese Classic
Beijing University of Chinese Medicine
北京中醫藥大學國學院院長

The Multi-cultural World and Future of Chinese Culture
世界多元文化激盪交融與中國的未來

📅 9 October 2014

Pathway Towards Excellence — Institutional Incentive System at Shanghai Jiao Tong University
制度激勵 — 大學變革的選擇

Professor Zhang Jie
張傑教授
President of Shanghai Jiao Tong University

📅 11 September 2014

The Roles of Higher Education in Innovation and Globalization

Professor Arden L. Bement Jr.
David A. Ross Distinguished Professor Emeritus of Nuclear Engineering, Chief Global Affairs Officer Emeritus and Inaugural Director Emeritus
Global Policy Research Institute
Purdue University

The Roles of Higher Education in Innovation and Globalization

📅 24 April 2014

The Yamamba (山姥) s’ Long Life: The Cultural Dynamics of the Aging Society

Professor Noriko Mizuta
Chancellor of Josai University Educational Corporation

📅 9 April 2014
Dr Liu Chao-shiuan
劉兆玄博士
Chairman of the General Association of Chinese Culture
中華文化總會會長

Professor Torbjörn Lodén
Professor of Chinese Language and Culture at Stockholm University
Visiting Professor at City University of Hong Kong

The Rule-by-Virtue Century — The Missing Element for Sustainable Development
王道的世紀 — 永續發展 只欠東風

On the Social Dynamics of Philosophical Ideas:
Dai Zhen’s Critique of Neo-Confucianism

📆 23 January 2014
Professor Martha C. Nussbaum
Ernst Freund Distinguished Service Professor of Law and Ethics
University of Chicago

Anger and Revolutionary Justice
📅 29 August 2016

Dr Seppo Honkapohja
Member of the Board, Bank of Finland
Member of Academia Europaea

Persistent Slowdowns, Expectations and Macroeconomic Policy
📅 21 April 2016

Dr Jeffrey Wadsworth
President and CEO
Battelle Memorial Institute

Battelle — Past, Present and Future
📅 14 April 2016

Dr Lee Kai-fu
Chairman and CEO of Innovation Works

Betting on China’s Innovations — A Perspective from Innovation Works
📅 3 December 2015
To Cultivate Chinese Legal Talents with International Outlook by Drawing on the Experience of Hong Kong Legal System

Justice He Rong 賀榮大法官
Vice President of the Supreme People's Court of the PRC
中華人民共和國最高人民法院副院長

25 November 2015

Professor Thomas Wilhelmsson
Chancellor, University of Helsinki

Unfair Contract Terms — Variations and Harmonies

13 October 2015

Dr Chang Chia Juch 張家祝博士
Chairman of China Development Industrial Bank
中華開發工業銀行董事長

The Key Issues of Economic and Industrial Development in Taiwan
台灣經濟與產業發展課題

11 February 2015

Mr Robert C.Y. Wu 吳清友先生
Founder and Chairman of Eslite Corporation
誠品書店創辦人及董事長

The Eslite Experience — A Personal Perspective
誠品經驗的生命分享

24 September 2014
Office of the Vice-President (Research and Technology)

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