



香 港 大 學

THE UNIVERSITY OF HONG KONG

## Physics

**Professor Xiang Zhang**  
**President and Vice-Chancellor,**  
**The University of Hong Kong**

Professor Xiang Zhang was appointed the 16th President and Vice-Chancellor of the University of Hong Kong (HKU) on December 15, 2017.

Prior to joining HKU, he was the inaugural Ernest S. Kuh Endowed Chair Professor at the University of California, Berkeley, and the Director of the Nano-scale Science and Engineering Center (SINAM). He has also served as the Director of Materials Science Division at Lawrence Berkeley National Laboratory (LBNL).

Professor Zhang is an elected member of the US National Academy of Engineering (NAE) and of Academia Sinica, a foreign member of the Chinese Academy of Sciences, and a Fellow of the American Physical Society (APS), the Optical Society of America (OSA), the American Association for the Advancement of Science (AAAS), and the International Society of Optical Engineering (SPIE).

Professor Zhang received his PhD from UC Berkeley (1996), MS from the University of Minnesota and MS/BS from Nanjing University, China. He was an assistant professor at Pennsylvania State University (1996-1999), and associate professor and full professor at UCLA (1999-2004) prior to joining Berkeley's faculty in 2004.

Professor Zhang's current research focuses on materials physics, metamaterials and nano-photonics. He has published over 340 journal papers including 70 publications in *Science* and *Nature family series*. He has given over 330 Keynote, Plenary and Invited talks at international conferences and institutions. He was a Co-Chair of the NSF Nano-scale Science and Engineering Annual Grantee Conferences in 2004 and 2005, and has served as Chair of the Academic Advisory Board for the Research Center for Applied Science (RCAS), Academia Sinica.

In 2008, Professor Zhang's research was selected by *Time Magazine* as one of the "Top Ten Scientific Discoveries of the Year" and "50 Best Inventions of the Year", *Discover Magazine's* "Top 100 Science Stories" in 2007, and *R&D Magazine's* top 25 Most Innovative Products of 2006. His research has been frequently featured in international media, including the *BBC*, *CNN*, *ABC*, *New York Times*, and *Wall Street Journal*.

Professor Zhang is a recipient of the NSF CAREER Award (1997), the SME *Dell K. Allen Outstanding Young Engineer Award* (1998) and the ONR *Young Investigator Award* (1999). He was awarded the *Chancellor's Professorship* by UC Berkeley (2004-2009), named *Rohsenow Lecturer* at MIT (2009) and *William Reynolds Lecturer* at Stanford (2012), and in 2017, chosen for the Pearsall Distinguished Lecture at Duke, the Hall Engineering Lecture at Vanderbilt, and the Towers Distinguished Lecture at Michigan Tech. In 2011, he was awarded the Fred Kavli Distinguished Lectureship by the Materials Research Society (MRS), the Miller Professorship by UC Berkeley, and named Distinguished Visiting Scientist (DVS) by the University of Toronto. He was awarded the Fitzroy Medal in 2014, the Charles Russ Richards Memorial Award in 2015, the

Max Born Award from the Optical Society of America in 2016, the Julius Springer Prize for Applied Physics in 2016, the Excellence Award in Scientific Leadership in 2016, and the A. C. Eringen Medal from the Society of Engineering Science in 2017.

## 物理學

### 張翔教授 香港大學校長

香港大學於 2017 年 12 月 15 日任命張翔教授為港大第十六任校長。

張翔教授加入港大前，是美國加州大學柏克萊分校葛守仁基金講座教授，同時擔任該校納米科學及工程中心主任，並且曾任勞倫斯柏克萊國家實驗室材料科學部主任。

張教授獲選為美國國家工程院院士及中央研究院院士，並且是中國科學院外籍院士、美國物理學會會士、美國光學會會士、美國科學協進會會士及國際光學工程學會會士。

張教授於 1996 年獲加州大學柏克萊分校頒授哲學博士學位，此外他亦是明尼蘇達大學理科碩士及中國南京大學理學士及理科碩士。1996 至 1999 年期間，他在賓夕凡尼亞州立大學擔任助理教授，1999 至 2004 年在加州大學洛杉磯分校先後擔任副教授及教授職位，2004 年起到柏克萊分校任教。

張教授現時專攻材料物理、超材料和納米光子學的研究。張教授至今已發表了超過 340 篇科學文獻，當中 70 篇刊於《科學》及《自然》系列等重要科學期刊，他亦應邀在國際會議及院校機構等大會主題演講及邀請演講，數目逾 330 個。他是 2004 年度及 2005 年度美國國家科學基金會納米科學及工程週年資助會議的聯合主席，亦曾任台灣中央研究院應用科學研究中心學術諮詢委員會主席。

2008 年張教授的研究獲選為時代雜誌「2008 年度十大科學發現」及「2008 年度五十項最佳發明」，他的研究發明又獲《發現》雜誌點評為「2007 年百大科學故事」之一，以及入選《研究與開發》雜誌「2006 年 25 個最佳創新產品」。張教授的研究備受國際傳媒關注及報導，當中包括 BBC、CNN、ABC、紐約時報及華爾街日報。

張教授獲獎無數，當中包括美國國家科學基金會「事業獎」(1997)、SME 的「Dell K. Allen 傑出年青工程師獎」(1998)和「ONR 青年科學家獎」(1999)；2004 至 2009 年，他獲授加州大學柏克萊分校「校監講座教授席」；2009 年他獲麻省理工學院冠名為「羅森諾(Rohsenow)講座」，2012 年又獲史丹佛大學冠名為「威廉·雷諾氏(William Reynolds)講座」，並於 2017 年應邀在杜克大學皮爾索爾(Pearsall)傑出講座、範德堡大學賀爾(Hall)工程講座及密西根理工大學杜華斯(Towers)傑出講座膺任主講人。2011 年，他獲材料研究學會頒授「Fred Kavli 傑出講座獎」，加州大學柏克萊分校授予「苗勒(Miller)教授席」及多倫多大學頒授「傑出客座科學家」榮銜。2014 年他獲頒「菲茨羅伊獎章(Fitzroy Medal)」，2015 年獲「查里斯·羅斯·理察士紀念獎(Charles Russ Richards Memorial Award)」，還有 2016 年獲頒授的美國光學會「麥克斯·波恩獎(Max Born Award)」、「施普林格(Julius Springer)應用物理獎」和「科學領導卓

越獎 (Excellence Award in Scientific Leadership) ] , 以及 2017 年工程科學學會「艾林根 (A C Eringen) 獎章」。