

## **Professor Shuang Zhang**

**Chair Professor, Department of Physics, Faculty of Science**

**Chair Professor, Department of Electrical and Electronic Engineering, Faculty of Engineering**

Professor Shuang Zhang is a leading researcher in the field of metamaterials and nanophotonics. He is particularly interested in designing artificial photonic structures that can manipulate the propagation of light in ways that go beyond traditional optics.

Professor Zhang's research has been recognized by numerous prestigious awards and honors. He has appeared on the list of "Highly Cited Researchers" by Clarivate Analytics since 2018. He is a recipient of the International Union of Pure and Applied Physics (IUPAP) Young Scientist Prize in Optics (2010), the Royal Society Wolfson Research Merit Award (2015), ERC Consolidator Grant (2015), and Tencent's New Cornerstone Investigator Program (2022). He was nominated Fellow of Optica in 2016, and Fellow of American Physical Society (APS) in 2022.

Over the course of his career, Professor Zhang has published more than 200 research papers in peer-reviewed journals, with a total citation close to 39,000 (Google Scholar).

Professor Zhang earned a Bachelor's degree in Physics from Jilin University in China in 1993, a Master's degree in Physics from Northeastern University in Boston in 1999, and a Ph.D. in Electrical Engineering from the University of New Mexico in 2005. He went on to hold postdoctoral positions at the University of Illinois at Urbana-Champaign and the University of California Berkeley. He joined the Department of Physics as a Chair Professor at The University of Hong Kong in 2020. Prior to that, he spent 10 years working at the University of Birmingham, where he established and led the Metamaterial Research Centre.

## **張霜教授**

**理學院物理學系講座教授、工程學院電機電子工程系講座教授**

張霜教授在超材料、納米光子學和拓撲光子學等領域做出了突出的貢獻。他的研究主要集中於人工光子結構的設計和加工，旨在以超越傳統光學的方式操縱光的傳播。張教授的研究成果為他帶來眾多重要獎項和殊榮。自 2018 年起，他一直被列入 Clarivate Analytics 的「廣獲徵引研究人員」名單。他曾獲得國際純粹和應用物理學聯合會（IUPAP）光學青年科學家獎、英國皇家學會沃爾夫森科研價值獎，以及騰訊的新基石研究員計劃。他 2016 年當選為美國光學學會會士，亦於 2022 年當選為美國物理學會（APS）會士。張教授一共發表了 200 多篇研究論文，被引用近 39,000 次 (google Scholar)。張教授於 1993 年獲得吉林大學物理學學士學位，1999 年獲得美國東北大學物理學碩士學位，2005 年獲得新墨西哥大學電子工程博士學位。之後，他在美國伊利諾伊大學香檳分校和加州大學伯克利分校擔任博士後研究員。他於 2020 年加入香港大學物理系擔任講座教授。在加盟港大以前，他在英國伯明翰大學工作了 10 年，創建了超材料研究中心並擔任主任。