



# Hong Kong Forum of Physics 2024: Recent Progresses on 2D Quantum Materials

Organized by the Area of Excellence on 2D Materials Research, the Department of Physics and the HK Institute of Quantum Science & Technology

**December 16 – 19, 2024 (Monday – Thursday)**

**CYPP3, LG1/F, Chong Yuet Ming Physics Building, Main Campus, HKU**

## Announcement

We are pleased to announce "Hong Kong Forum of Physics 2024: Recent Progresses on 2D Quantum Materials" to be held at the University of Hong Kong from December 16 to 19, 2024. This is the 12th one of this Forum series since 2006. As is known, there have been significant interests on the research of two-dimensional quantum materials, to explore the various frontiers of condensed matter physics and quantum devices. There have been many important discoveries and progresses recently. We organize this forum to bring together the active researchers in the field to share their new findings and ideas in Hong Kong. We hope this Forum will promote collaborations among the participants and also present young physicists with interesting and exciting future research directions.

## Organizing Committee

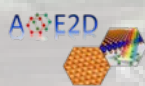
**Dongkeun Ki** (The University of Hong Kong) (Co-chair)  
**Wang Yao** (The University of Hong Kong) (Co-chair)  
**Xiaodong Cui** (The University of Hong Kong)  
**Maohai Xie** (The University of Hong Kong)  
**Ning Wang** (Hong Kong University of Science and Technology)  
**Jianbin Xu** (The Chinese University of Hong Kong)  
**Hua Zhang** (City University of Hong Kong)  
**S.P. Daniel Lau** (The Hong Kong Polytechnic University)  
**Yipu Xia** (The University of Hong Kong) (Coordinator)

## Invited Speakers

<b>Ting Cao</b> (University of Washington)	<b>Haizhou Lu</b> (Southern University of Science and Technology)
<b>Kai Chang</b> (Zhejiang University)	<b>Feng Miao</b> (Nanjing University)
<b>Cui-Zu Chang</b> (The Pennsylvania State University)	<b>Je-Geun Park</b> (Seoul National University)
<b>Guorui Chen</b> (Shanghai Jiaotong University)	<b>Young-Woo Son</b> (Korea Institute for Advanced Study)
<b>Jian-Hao Chen</b> (Peking University)	<b>Dong Sun</b> (Peking University)
<b>Yulin Chen</b> (University of Oxford / ShanghaiTech University)	<b>Han Wang</b> (The University of Hong Kong)
<b>Xiangfeng Duan</b> (University of California, Los Angeles)	<b>Hongming Weng</b> (Institute of Physics, CAS)
<b>Weibo Gao</b> (Nanyang Technological University)	<b>Shiwei Wu</b> (Fudan University)
<b>Lin He</b> (Beijing Normal University)	<b>Di Xiao</b> (University of Washington)
<b>Wei Ji</b> (Renmin University of China)	<b>Xincheng Xie</b> (Peking University / Fudan University)
<b>Jinfeng Jia</b> (Shanghai Jiaotong University / Southern University of Science and Technology)	<b>Yang Xu</b> (Institute of Physics, CAS)
<b>Dongkeun Ki</b> (The University of Hong Kong)	<b>Yu Ye</b> (Peking University)
<b>Mikito Koshino</b> (Osaka University)	<b>Hongtao Yuan</b> (Nanjing University)
<b>Chun Ning Lau</b> (The Ohio State University)	<b>Changgan Zeng</b> (University of Science and Technology of China)
<b>Kam Tuen Law</b> (Hong Kong University of Science and Technology)	<b>Fuchun Zhang</b> (Kavli Institute for Theoretical Sciences)
<b>Zhiqiang Li</b> (Sichuan University)	<b>Zhenyu Zhang</b> (University of Science and Technology of China)
<b>Kaihui Liu</b> (Peking University)	

## The forum is supported by

1. Area of Excellence on 2D Materials Research.



2D Materials Research:  
Fundamentals Towards Emerging Technologies



Department of Physics  
THE UNIVERSITY OF HONG KONG



HK Institute of  
Quantum Science & Technology  
香港量子研究院