



Hong Kong Forum of Physics 2018:

Recent Progress in Quantum Matter – Theories and Experiments

Organized by The Centre of Theoretical and Computational Physics, The University of Hong Kong

7-9 January, 2019 (Monday - Wednesday)

Lecture Theatre T7, 1/F, Meng Wah Complex Building

Announcement

We are pleased to announce that "Hong Kong Forum of Physics 2018: Recent Progress in Quantum Matter - Theories and Experiments" will be held at the University of Hong Kong, **January 7-9, 2019**, which is the 10th one of this Forum series since 2006.

Recently, there has been a profound progress in the field of quantum matter where the bizarre consequences of quantum physics manifest in a wide range of energy and length and can be further engineered by design. The relevant research area is growing fast and requires close collaborations between the researchers from both theoretical and experimental sectors. This year's Forum, therefore, will bring together the active researchers from both sectors to share their new findings and ideas in Hong Kong with a particular focus on exotic quantum materials including graphene and 2D materials, Topological materials and Correlated systems, Spin liquids and Frustrated magnetisms, and more. We expect to have several dozens of key experts from North America, Europe, Mainland China, Korea, Japan, and Hong Kong to participate in the Forum, as well as tens of students and postdoctoral fellows to attend the Forum. We hope this Forum will promote collaborations among the participants and also present young physicists with interesting and exciting future research directions.

Invited Speakers

Vladimir Fal'ko (*Manchester, UK*)
Xiao-Gang Wen (*MIT, USA*)
Chih-Kang Shih (*Texas, USA*)
Yoshihiro Iwasa (*University of Tokyo & RIKEN, Japan*)
Li Lu (*IoP, CAS*)
Xi Dai (*HKUST, Hong Kong*)
Han Woong Yeom (*POSTECH, Korea*)
Chen Fang (*IoP, CAS*)
Mahn-Soo Choi (*Korea University, Korea*)
Zhengcheng Gu (*CUHK, Hong Kong*)
Hu-Jong Lee (*POSTECH, Korea*)
Hechang Lei (*Renmin University, China*)
Xiao Li (*City U, Hong Kong*)
Xi Lin (*Peking, China*)
Yang Liu (*Peking, China*)
Zi Yang Meng (*IoP, CAS*)
Peng Ye (*SYSU, China*)
Yang Qi (*Fudan, China*)
Jing Wang (*Fudan, China*)
Qiang-Hua Wang (*Nanjing University, China*)
Zhong Wang (*Tsinghua, China*)
Shiwei Wu (*Fudan, China*)
Yi Yin (*Zhejiang, China*)
Long Zhang (*KITS, China*)
Jun Zhao (*Fudan, China*)
Yi Zhou (*Zhejiang, China*)

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Jian Wang (*The University of Hong Kong*)
Zidan Wang (*The University of Hong Kong*)
Wang Yao (*The University of Hong Kong*)

Funding

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1. K. C. Wong Education Foundation
2. Department of Physics & The Centre of Theoretical and Computational Physics, HKU

Registration:

<https://www.physics.hku.hk/~ctcp/HKForum18/Registration.htm>

For enquiry:

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