

Hong Kong Forum of Physics 2013 : Novel Quantum Systems

December 12 – 14, 2013, The University of Hong Kong, HKSAR

**Venue: Lecture Theatre P4, Chong Yuet Ming Physics Building
Rm. 522, Chong Yuet Ming Physics Building (Poster Room)**

Announcement:

We are pleased to announce that "Hong Kong Forum of Physics 2013: Novel Quantum Systems" will be held at the University of Hong Kong, Dec 12-14, 2013, which is the 8th one of this series of annual forum since 2006.

As is known, there have been significant interests on emerging research topics related to novel quantum systems, quantum control, and spintronics, which have also been rather active in both Hong Kong and the Asia Pacific region. This year's Forum will focus on two frontier topics including layered two-dimensional materials and cold atoms. We expect to have several dozens of physicists from North America, Europe, Mainland of China, Taiwan, and Hong Kong to participate in the Forum, and tens of students or postdoctoral fellows from Hong Kong and Mainland of China to attend the Forum. It is anticipated that this Forum will promote collaborations among the physicists in Asia and in the West, and will also present to young physicists interesting and exciting research directions based on the intellectual merit.

Invited Speakers:

Cazalilla, Miguel (*National Tsinghua University, Taiwan*)
Chang, Kai (*Institute of Semiconductors, CAS*)
Chen, Qijin (*Zhejiang University*)
Chen, Shu (*Institute of Physics, CAS*)
Chen, Shuai (*University of Science and Technology of China*)
Chen, Xi (*Tsinghua University, Beijing*)
Feng, Ji (*Peking University*)
Guan, Xiwen (*Institute of Physics and Mathematics, CAS; ANU*)
Gundogdu, Kenan (*North Carolina State University, USA*)
Jo, Gyu-Boong (*Hong Kong University of Science & Technology*)
Lai, Chih-Wei (*Michigan State University, USA*)
Louie, Steven G. (*University of California, Berkeley*)
Mak, Kin Fai (*Cornell University, USA*)
Niu, Qian (*University of Texas, Austin, USA*)

Tan, Pingheng (*Institute of Semiconductors, CAS*)
Thywissen, Joseph (*University of Toronto*)
Troyer, Matthias (*ETH Zurich*)*
Wang, Dajun (*Chinese University of Hong Kong*)
Xie, Xincheng (*Peking University*)
Xu, Mingsheng (*Zhejiang University*)
Yao, Yugui (*Beijing Institute of Technology*)
Yi, Su (*Institute of Theoretical physics, CAS*)
Yu, Zhenhua (*Tsinghua University, Beijing*)
Zhang, Jing (*Shanxi University*)
Zhang, Shoucheng (*Stanford University*)*
Zhang, Yuanbo (*Fudan University*)
Zhao, Hui (*Kansas University, USA*)
Zhu, Shiliang (*Nanjing University*)

* To be confirmed

International Advisory Committee:

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T. Maurice Rice (ETH Zurich)
Matthias Troyer (ETH Zurich)
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Sponsors:

- Centre of Theoretical and Computational Physics, HKU
- Department of Physics, HKU
- Hong Kong Collaborative Research Fund (HKU8/CRF/11G)
- Hong Kong Area of Excellence Project (AoE/P-04/08)



Organizer:

Centre of Theoretical and Computational Physics,
HKU

Registration:

<http://www.physics.hku.hk/~ctcp/HKForum13/Registration.htm>

For enquiries, please contact Miss Anna Wong (Forum Secretary) at annaylw@hku.hk.