

# Hong Kong Forum of Physics 2008 - Quantum Matters and Quantum Simulation

December 13 – 15, 2008

Venue: Lecture Theatre P4, Chong Yuet Ming Physics Building, The University of Hong Kong

<http://www.physics.hku.hk/~ctcp/HKForum08/Index.htm>

The workshop will cover several advanced topics in quantum matters in physics, including high temperature superconducting cuprated and iron-pnictides, quantum magnetism, graphene, and quantum simulations. There will be a ceremony to award winners of Daniel Tsui Fellowship 2008.

## Invited Speakers/ Session Chairs:

Yshai, Avishai (HKUST/BGU)  
Yia Chung Chang (Academic Sinica, Taipei)  
Qi-jin Chen (Zhejiang Univ.)  
Xian-Hui Chen (Chinese Univ. of Sci and Tech)  
Xiao Dong Cui (HKU)  
Chung-Hou Chung (Chiao Tong Univ., Hsinchu)  
Jian-hui Dai (Zhejiang Univ.)  
Xi Dai (IOP, Beijing)  
Hong Ding (IOP, Beijing)  
Dong-Lai Feng (Fudan Univ.)  
Shigeki Fujiyama (Riken, Japan)  
Shi-Jian Gu (CUHK)  
Jung Hoon Han (SungKyunKwan University)  
Wen-Min Huang (Tsinghua, Hsinchu)  
Jisoon Ihm (Seoul National University)  
Yuhki Kohsaka (Riken, Japan)  
Jian-Xin Li (Nanjing Univ.)  
Ying Liu (Penn State Univ.)  
Steve Louie (UC Berkeley)  
Zhong-Yi Lu (Renmin University)  
Tai Kai Ng (HKUST)  
Bruce Normand (Germany)

Zhian Ren (IOP Beijing)  
T. M. Rice (ETH-Zurich)  
Matthias Troyer (ETH-Zurich)  
Daw-Wei Wang (Tsinghua, Hsinchu)  
Nan Lin Wang (IOP, Beijing)  
Qiang-Hua Wang (Nanjing Univ.)  
Ya-yu Wang (Tsinghua Univ.)  
Hai-Hu Wen (IOP, Beijing)  
Zheng-yu Weng (Tsinghua, Beijing)  
Tao Xiang (IOP Beijing)  
Xin-Cheng Xie (Oklahoma State & IOP Beijing)  
Zhu'an Xu (Zhejiang Univ.)  
Wang Yao (HKU)  
Kai-yu Yang (ETH-Zurich)  
Huiqiu Yuan (Zhejiang Univ.)  
Zhong-Xian Zhao (IOP Beijing)  
Guang-Ming Zhang (Tsinghua, Beijing)  
Guo-qing Zheng (Okayama University)  
Xing Jiang Zhou (IOP Beijing)  
Yi Zhou (CUHK)  
Shi-liang Zhu (China Southern Normal Univ.)

There will be a poster session in Room 522, CYM Physics Building.

### Advisory Committee:

Prof. Thomas M. Rice  
Prof. Steve Louie  
Prof. Lu Yu

### Organizing Committee:

Prof. X. Dai                      Prof. T. Xiang  
Prof. H.Q. Lin                 Dr. W. Yao  
Prof. T.K. Ng                  Prof. F.C. Zhang  
Prof. Z.D. Wang

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