

**The Chinese University of Hong Kong and
Huazhong University of Science and Technology**

Joint Physics Symposium

Date: 16 June 2012 (Saturday)

Program

Time	Event	Venue (CUHK)
Morning Session		
08:45 – 09:00	Opening	Rm. 128, Science Centre
<i>Chair: Prof. Xia Ke-Qing</i>		
09:00 – 09:20	Prof. Lu Pei-Xiang (HUST): “High-order harmonic generation, ionization and dissociation in intense laser field”	
09:20 – 09:40	Prof. Liu Ren-Bao (CUHK): “A spin in a quantum environment”	Rm. 128, Science Centre
09:40 – 10:00	Prof. Yao Kai-Lun (HUST): “Magnetic ordering and ferroelectricity of low dimensional organic quantum magnets”	
10:00 – 10:20	Prof. Xiao Yi (HUST): “生物分子模拟研究”	
10:20 – 10:50	<i>Tea break</i>	Rm. 126, Science Centre
<i>Chair: Prof. Gu Shi-Jian</i>		
10:50 – 11:10	Prof. Law Chi Kwong (CUHK): “Cavity quantum optomechanics”	Rm. 128, Science Centre
11:10 – 11:30	Prof. Hu Zhong-Kun (HUST): “AMO 精密测量”	
Afternoon Session		
<i>Chair: Prof. Wang Da-Jun</i>		
14:00 – 14:20	Prof. Zhou Ze-Bing (HUST): “Performance measurement of an inertial sensor with a two-stage pendulum”	
14:20 – 14:40	Prof. Zhou Qi (CUHK): “When bosons meet spin-orbit coupling”	Rm. 128, Science Centre
14:40 – 15:00	Prof. Ye Xian-Ji (HUST): “Ultra-precision Inter-satellite laser interferometry for space science missions”	
15:00 – 15:20	Prof. Wang Lan (Nanyang Technological University): “Electron and spin transport in 3D topological insulators”	
15:20 – 15:50	<i>Tea break</i>	Rm. 126, Science Centre
<i>Chair: Prof. Zhou Qi</i>		
15:50 – 16:10	Prof. Wang Da-Jun (CUHK): “Ultracold polar molecules”	
16:10 – 16:30	Prof. Yuan Song-Liu (HUST): “磁耦合相关性质的调控研究”	Rm. 128, Science Centre
16:30 – 16:50	Prof. Xia Ke-Qing (CUHK): “Experimental studies of Lagrangian acceleration and pair dispersion in thermally-driven turbulence”	