

Tsinghua University-RIKEN

Joint Workshop On Condensed Matter Physics



Monday, October 22, 2012

Conference Room, 3rd floor, New Science Building

08:15 – 08:30	Opening Remarks and Overview of department of Physics	Qi-kun Xue
08:30 – 08:45	Overview of RIKEN	Maki Kawai
08:45 – 09:15	Reaction control of a single molecule with STM	Yousoo Kim
09:15 – 09:45	Glass-like dynamics and dimensional crossover in the antiferromagnetic spin-ordered state in a photo-excited $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ manganite	Shu-yun Zhou
09:45 – 10:00	Coffee Break	
10:00 – 10:30	Self-organized assembling techniques for 3D metamaterials	Takuo Tanaka
10:30 – 11:00	Carbon Nanotubes for High Performance Lithium Ion Batteries	Jia-ping Wang
11:00 – 11:30	Strong cross-coupling in multiferroic materials	Yasujiro Taguchi
11:30 – 12:00	Transport properties of magnetically doped topological insulator films	Ya-yu Wang
13:30 – 14:00	Dirac Fermion in Strongly-Bound Graphene Systems	Wen-hui Duan
14:00 – 14:30	Spectroscopic-imaging STM studies on high-temperature superconductors	Tetsuo Hanaguri
14:30 – 15:00	Electric-field control of magnetism in multiferroic heterostructures	Yong-gang Zhao
15:00 – 15:30	Microscopic study of spin-orbit-induced Mott insulator and unconventional superconductivity in Ir oxides	Seiji Yunoki
15:30 – 15:50	Coffee Break	
15:50 – 16:20	Scanning tunneling microscopy study of FeSe and $\text{KxFe}_{2-y}\text{Se}_2$ superconductors	Xi Chen
16:20 – 16:50	Strong magnetoelectric coupling by design	Pu Yu
16:50 – 17:05	Magnetically-electrically manipulate the nanometric skyrmion	Xiu-Zhen Yu
17:05 – 17:20	Imaging grain boundary scattering of graphene in real space	Shuai-hua Ji
17:20 – 17:35	Investigations of topological insulators with scanning tunneling microscopy	Ying-shuang Fu

Organized by

Department of Physics,
Tsinghua University

