

Penn State University-Peking University Workshop: Frontiers of Condensed Matter and Atomic Physics

Time and Venue:

May 18 13:00-18:10 Room 2, Ying Jie Conference Center

May 19 8:30-15:30 Room 607, Science Building 5

PKU speakers	PSU Speakers
Biao Wu Bose-Einstein Condensate in a Honeycomb Optical Lattice: Fingerprint of Superfluidity at the Dirac Point	Dan Larson TBD
Jian Wang Transport studies of individual crystalline nanowires contacted by superconducting electrodes	Jainendra K. Jain Composite fermion superconductor
Jian Wei Energy dissipation and phase coherence in normal-metal/superconductor hybrid devices	Kurt Gibble Atomic Clocks
Ji Feng Light-element alloys under high pressure	Moses Chan Can a solid be a superfluid
Jinbo Yang Study of resistance switching in oxide heterostructures	Nitin Samarth Semiconductor Nanospintronics
Junren Shi Probing electron-phonon coupling in High-Tc cuprates	Peter Schiffer Artificial frustrated magnets
Qian Niu Berry Phase in Condensed Matter Physics	Qi Li Electrical control of magnetic states using multiferroic tunnel junctions
Zonghai Hu Graphene on metal surfaces	Ying Liu Destructive regime and quantum superconducting fluctuation in ultrasmall Al loops

Organizer: Qi Li (The Pennsylvania State University)

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