

# Mini-workshop on Cold Atom Research in Hong Kong

Time: Oct 26, 2013

Venue: Science Center Lecture Hall 4, The Chinese University of Hong Kong

Sponsor: Institute of Theoretical Physics, Department of Physics, The Chinese University of Hong Kong

9:30-9:45am: *Coffee*

9:45am-9:50am *Welcome*

9:50-10:20am **Dajun Wang**

Recent experiments with a mixture of ultracold Na and Rb atoms

10:20-11:05am *Discussions*

11:05am-11:15am *Coffee Break*

11:15am-11:30am **Tai-Kai Ng**

Non-Fermi liquid behavior in 2D fermion-boson mixture.

11:30am-12:00pm *Discussions*

12:00pm-2:00pm *Lunch*

2:00pm-2:30pm **Gyu-boong Jo**

Prospects and Challenges of quantum materials with ultracold atoms

2:30pm-3:15pm *Discussions*

3:15pm-3:25pm *Coffee Break*

3:25pm-3:40pm **Xiong-Jun Liu**

Chern insulator: realization and detection with cold atoms

3:40pm-4:10pm *Discussions*

4:10pm-4:20pm *Coffee Break*

4:20pm-4:35pm **Qi Zhou**

One-dimensional Bosons in a flat band

4:35pm-5:05pm *Discussions*