



THE FIRST BEIJING-TOKYO WORKSHOP ON ULTRACOLD ATOMIC GASES

ORGANIZERS /

Hui Zhai , Tsinghua University
Masahito Ueda , University of Tokyo

LOCATION /

清华大学高等研究院三楼报告厅
Room 322, Science Building, Institute for Advanced Study, Tsinghua University

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Tuesday

09:00-09:40 **Takashi Mukaiyama**
U. Electro-Communications
Interaction and Decay of Fermionic Atoms near
a p-wave Feshbach Resonance

09:40-10:20 **Li You**
Tsinghua University
Cold Atom Research in the Department of
Physics of THU

10:20-10:40 Break

10:40-11:20 **Shuheì Yoshida**
University of Tokyo
Universal Properties and Contact Tensor in a
p-Wave Fermi Gas

11:20-12:00 **Zhenhua Yu**
Tsinghua University
Fermi Gases close to a p-wave Interaction
Resonance

12:00-14:00 Lunch Break

14:00-14:40 **Xiaoling Cui**
Institute of Physics, Chinese Academy of
Sciences
Novel Superfluid and Magnetism in Ultracold
Fermi Gases with Mixed s- and p-wave
Interactions

14:40-15:20 **Yusuke Horinouchi**
University of Tokyo
Topological Property of a Limit Cycle and
Universal Four-body Bound States in Efimov
Physics

15:20-15:50 Break

15:50-17:00 Free Discussion

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Wednesday

09:00-09:40 **Lih-King Lim**
Tsinghua University
Geometry of Bloch states probed by Stückelberg
interferometry

09:40-10:20 **Shunsuke Furukawa**
University of Tokyo
Devil's Staircases in Synthetic Dimensions and
Gauge Fields

10:20-10:40 Break

10:40-11:20 **Ren Zhang**
Tsinghua University
Orbital Feshbach Resonance in Alkali-Earth
Atoms

11:20-12:00 **Hiroki Saito**
U. Electro-Communications
Matter-Wave Droplets in a Dipolar BEC of
Dysprosium

12:00-14:00 Lunch Break

14:00-14:40 **Shun Uchino**
RIKEN
Transport of Unitary Fermi Gases through a
Quantum Point Contact

14:40-15:20 **Ran Qi**
Renmin University
The Efimovian Expansion in Scale Invariant
Quantum Gases

15:20-15:50 Break

15:50-17:00 Free Discussion