

# USS-2010

## Ultracold Fermi Gas: Superfluidity and Strong-Correlation

May 13th - 15th, 2010, CCSE Japan Atomic Energy Agency, Japan.



独立行政法人  
科学技術振興機構  
Japan Science and Technology Agency

戦略的創造研究推進事業

CREST  
Core Research for Evolutional Science and Technology



The International Workshop "Ultracold Fermi Gas: Superfluidity and Strong-Correlation (USS-2010)" will be held at conference room of CCSE, Japan Atomic Energy Agency, Tokyo, Japan, from May 13th to 15th, 2010. The workshop will be focused on various topics related to ultracold atom physics, especially fermionic systems. The workshop is intended to provide an opportunity to get together, to exchange information and ideas, to promote stimulus discussions and collaborations among participants and furthermore to foster young scientists.

### Invited Speakers

Lecturers: 1h

Cheng Chin (Univ. of Chicago)  
Norio Kawakami (Kyoto Univ.)  
Kazushige Machida (Okayama Univ.)  
Henning Moritz (Universität Hamburg)  
Yoji Ohashi (Keio Univ.)  
Yoshiro Takahashi (Kyoto Univ.)  
Masahito Ueda (Tokyo Univ.)

Talk: 30 min

Takatoshi Aoki (Tokyo Univ.)  
Ippei Danshita (RIKEN)  
John Pagnucci Gaebler  
(JILA and Univ. of Colorado)  
Xianlong Gao (Zhejiang Normal Univ.)  
Fabian Heidrich-Meisner (LMU Munich)  
Hui Hu (Swinburne Univ. of Technology)  
Akihisa Koga (TIT)  
Takahiko Miyakawa  
(Aichi Univ. of Education)  
Takeshi Mizushima (Okayama Univ.)  
Takashi Mukaiyama (UEC Tokyo)  
Tetsuro Nikuni (Tokyo Univ. of Science)  
Masahiko Okumura (RIKEN)  
André Schirotzek (LBL, Berkeley)  
Yosuke Takasu (Kyoto Univ.)  
Edward Taylor (Ohio State Univ.)  
Masaki Tezuka (Kyoto Univ.)  
Shunji Tsuchiya (Tokyo Univ. of Science)  
Youichi Yanase (Niigata Univ.)

### Scope

This international workshop will bring researchers together to discuss the current developments in ultracold atoms. In particular, this workshop will focus on fermionic superfluids and strong correlations in atomic Fermi gases that are among the hottest topics in current research of ultracold atoms and directly related to problems in many other fields such as condensed matter and nuclear physics.

### Important dates

Poster session

Abstract Due: **May 10th, 2010**

Conference

**May 13th-15th, 2010**

### Organization

Advisory Committee

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Conference Website

[http://131.113.6.206/faculty/yohashi/JST\\_WS\\_2010/index.html](http://131.113.6.206/faculty/yohashi/JST_WS_2010/index.html)