

基盤(S)「直流電場・電流:強相関電子系の新しい制御パラメータ」(H29-H33 年度)

NESS 2018 (Kyoto) Non-Equilibrium Steady States in Correlated Materials

Time : 2018 年 7 月 6 日 (金) 13:30 - 7 日 (土) 17:00 July 6th 13:30 - 7th 17:00

Place : 京都大学 理学研究科 5 号館 525 号室

Kyoto Univ. Grad. School of Science, 5th Building, Room 525

Rivised Program taking into account of absentees due to heavy rain.

* Presentation time includes 10-min discussion time (30+10, 20+10, and 10+10)

July 6 (Fri), 2018 chairs: Yonezawa / Kikugawa

13:30-13:40 (10) **Yoshiteru Maeno** (Kyoto Univ.) Introduction to Kiban S project

13:40-14:20 (40) **Chanchal Sow** (Kyoto Univ.) Anisotropy in the diamagnetism of Ca_2RuO_4

14:20-15:00 (40) **Naoki Kikugawa** (NIMS) Insulating states of Ti-doped $\text{Ca}_3\text{Ru}_2\text{O}_7$

15:00-15:20 (20) **Ryo Numasaki** (Kyoto Univ.) Diamagnetism of Ti-doped $\text{Ca}_3\text{Ru}_2\text{O}_7$

15:20-16:00 *Break*

16:00-16:40 (40) **Tepei Yoshida** (Kyoto Univ.) HAXPES of Ca_2RuO_4 and $\text{Ca}_3\text{Ru}_2\text{O}_7$

16:40-17:10 (30) **Kousuke Nakayama** (Tohoku Univ.) ARPES of Ca_2RuO_4 under current

17:10-17:40 (30) **Shingo Yonezawa** (Kyoto Univ.) Thermal imaging of Ca_2RuO_4

18:15- *Information Exchange / Dinner at Audrey*

July 7 (Sat), 2018 chairs: Sow / Yoshida

9:30-10:10 (40) **Takashi Oka** (MPI-PCS, Dresden) Theory on diamagnetism in Ca_2RuO_4 : overview

10:10-10:30 (20) **Sota Kitamura** (MPI-PCS, Dresden) Theory on diamagnetism in Ca_2RuO_4 : details

10:30-11:00 *Break*

11:00-11:40 (40) **Mengkun Liu** (Stony Brook Univ.) Infrared spectroscopy of Ca_2RuO_4 : overview

11:40-12:00 (20) **Jiawei Zhang** (Stony Brook Univ.) Infrared spectroscopy of Ca_2RuO_4 : details

12:00-12:30 (30) **Ryuji Okazaki** (Sci. Univ. Tokyo) Seebeck effect in Ca_2RuO_4 under current

12:30-13:00 (30) **Ichiro Terasaki** (Nagoya Univ.) Nonlinear conductivity in Ca_2RuO_4

13:00-13:10 Short Closing and **Group Photo**

13:10-14:30 *Lunch*

[Kiban-S Business meeting (Project members)] chair: Maeno

14:30-15:30 Upcoming workshops and collaborations

15:30-17:00 Preliminary efforts (with *Coffee Break*)

17:00 Closing