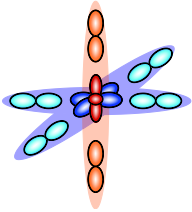


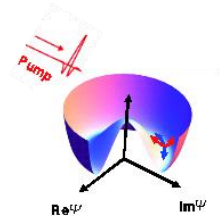
**A workshop on**  
**“Nonequilibrium phase transitions in diverse physical systems”**

organised by Hideo Aoki (Dept of Physics, Univ. Tokyo)  
under the auspice of a MEXT grant “Theoretical and experimental study  
of pressure- and nonequilibrium-control of high-Tc superconductors”



Tue 9 December 2014

Dept of Physics, University of Tokyo, Hongo, Tokyo



**Programme**

Session 1 (Room 1320, chair: H. Aoki)

10:00 [S. Shin](#) (ISSP, Univ. Tokyo): Time-resolved photoemission study on strongly-correlated materials

11:00 [Yoshihisa Yamamoto](#) (Stanford Univ.): Computation at criticality in optical parametric oscillator network

12:00 *Lunch break*

Session 2 (Room 1320, chair: Y. Yamamoto)

13:30 [Philipp Werner](#) (Univ. Fribourg): Carrier relaxation and thermalization in photo-doped Mott insulators

14:15 [Naoto Tsuji](#) (Univ. Tokyo): Higgs mode in conventional and unconventional superconductors

15:00 *Coffee break*

Session 3 (Room 431, chair: P. Werner)

15:30 [Martin Eckstein](#) (Univ. Hamburg): Relaxation and control of correlated systems on femtosecond timescales

16:10 [Takashi Oka](#) (Univ. Tokyo): Schwinger effect in correlated insulators

16:50 [Masahiro Sato](#) (Aoyama Gakuin Univ.): Interplay among laser, the Kitaev honeycomb model, and magnetoelectric couplings

17:30 [Hideo Aoki](#) (Univ. Tokyo): Nonequilibrium in electron and cold-atom systems --- thermalisation and topological properties

18:10 Closing