International mini-workshop on
Nonequilibrium transport and phase transition in novel materials

26 November 2018 14:00-18:00
Room B428, B-building 4F, Nagoya University

14:00 Ichiro Terasaki
Opening

14:10 Chanchal Sow (Kyoto Univ.)
Current-induced strong diamagnetism in the Mott Insulator Ca$_2$RuO$_4$
10.1126/science.aah4297

14:40 Ichiro Terasaki
Nonequilibrium steady state in Ca$_2$RuO$_4$
10.7566/JPSJ.82.103702; 10.7566/JPSJ.86.093707

15:10 Tomoyasu Taniyama
Antiferromagnetic to ferromagnetic phase transition driven by spin polarized current
10.1063/1.3553941; 10.7567/JJAP.54.073002

15:40 - 16:00 Break

16:00 Hiromichi Ohta (Hokkaido Univ.)
Electric field thermopower modulation measurements of two-dimensional electron gas

16:30 Hai Jun Cho (Hokkaido Univ.)
Observation of coherent thermal conduction across natural superlattices

17:00 Keiji Saito (Keio Univ.)
Thermal conduction via local two-state systems
10.1088/1367-2630/aadf09; 10.1103/PhysRevLett.111.214301

17:30 Takeshi Kawasaki (Nagoya Univ.)
A non-equilibrium phase transition in particle trajectories near the jamming transition
10.1103/PhysRevE.94.022615