PROGRAM

Aug. 29th, 2013, University Hall

9:30-9:35 Opening address S. Kojima

Session I Chair, M. Takahashi
9:35-10:00 I-1 Y. S. Yang Crystallization Kinetics of Lithium Niobate Glass: Determination of The Johnson-Mehl-Avrami-Kolmogorov Parameters
10:00-10:25 I-2 K. Matuishi Structural and Optical Properties of CdSe Nanoparticle- and Nanosheet-Superlattices Fabricated Using Organic Molecules as a Template
10:25-10:40 C-1 T. H. Kim Heat capacity, Brillouin, and Raman Scattering Studies of Glassy Racemic and Enantiomorphous Ibuprofen
10:40-10:55 C-2 K. Kataoka Synthesis and Crystal Structure Analysis of Lithium-Ion Rechargeable Battery Anode Materials
11:45-12:00 C-3 T. Mori Progress of Ultrafast Terahertz Time-Domain Spectroscopy: High-Speed Asynchronous Optical Sampling Measurements

12:00-13:10 Lunch

Session II Chair, Y. S. Yang
13:35-14:00 I-6 S. Tsukada Electric-Field-Induced Critical End Points in Relaxor Ferroelectric (1-x)Pb(Zn_{1/3}Nb_{2/3})O_3-xPbTiO_3(x= 0.045)
14:00-14:25 I-7 J.-H. Ko Precursor Phenomena and Antiferroelectric Phase Transition in PbZrO_3 Studied by Brillouin Spectroscopy
14:25-14:30 C-4 M. Rahaman Raman Scattering Study of Cubic-Tetragonal Phase Transition in Ferroelectric KTa_{1-x}Nb_xO_3 Crystals

14:30-14:50 Coffee break
Session III  

Chair, K. Matsuishi

14:50-15:15  I-8  H. T. Kim  Mott Metal-Insulator Transition and Percolation in strongly correlated systems $^3$He, VO$_2$, and MOSFET

15:15-15:40  I-9  M. Takahashi  Formation of the ABC$_6$-type Ordered Structure in Pt-Mn and CuMnP$_6$ Alloys

15:40-16:05  I-10  I. S. Park  Atomic Layer Deposition of Metal Oxide Thin Films for Volatile and Non-volatile Memory Applications

16:05-16:20  C-5  S. Kojima  Broadband Terahertz Time-Domain Spectroscopy: Crystalline and Glassy Materials

16:20-16:30  Closing address  K. Ohshima