Mini-Workshop on Computational Nanomaterials Science 2018
Date: 27th Nov. 2018
Place: Lecture Room 6, Natural Science and Technology Hall 5, Kanazawa University
Organized by Theoretical and Computational Science Group at Nanomaterials Research Institute (NanoMaRI), Kanazawa University
Co-sponsored by KAKENHI on Innovative Area “Nano-Spin Conversion Science” (17H05180), and “Discrete Geometric Analysis for Materials Design” (18H04481).

9:55 Opening Fumiyuki Ishii
10:00-10:40 Susumu Minami, "Analysis of Anomalous Hall Effect Based on m-Decomposed Density of State"
10:40-11:20 Naoya Yamaguchi, "Implementation of Effective Potential for a Finite Electric Field Applicable to Bulk into OpenMX"
11:20-12:00 Monika Nur, "Surface Alloys on Noble Metal (111) Surfaces"
12:00-13:30 Lunch & Coffee break
13:30-14:10 Rifky Syariati, "Anomalous Nernst Effect in 2D Magnetic Materials"
14:10-15:00 Invited speaker: Dr. Hiroki Kotaka, "First-Principles Study of Battery Performance and Reaction Mechanism of Tin Sulfide as Negative Electrode"
15:00-15:30 Coffee break
15:30-16:10 Hikaru Sawahata, “Topological Insulators: Z2 Topological Insulator and Chern Insulator"
16:10-16:50 Megumi Sugita, “The Rashba Effect in PbTiO3/Ag"
16:50-17:30 Akihiro Hori, “Lattice Thermal Conductivity in Half-Heusler Alloys”
17:30 Closing Fumiyuki Ishii