

Workshop on "Frontier in Unstable Nuclear Physics"  
18-19/Jul, Hokkaido University

# Program

18 (Fri) AM 10:30-

Opening

- K. Yoshida 30min RIKEN  
Low-lying excitation modes in deformed neutron-rich nuclei
- M. Kimura 30min Hokkaido Univ.  
Many Particle and Many Hole States in Neutron-Rich Nuclei

Lunch

18 (Fri) PM 1 13:30-15:00

- N. Hinohara 30min YITP  
Large-amplitude collective dynamics of shape coexistence/mixing phenomena in proton-rich Ge, Se, Kr and Zr isotopes
- S. Ebata 30min Univ. of Tsukuba  
TDHF+BCS approach to response functions in deformed nuclei
- M. Takashina 30min RCNP  
Inelastic proton scattering and neutron quadrupole transitions of  $^{12}\text{Be}$

Break

18 (Fri) PM 1 15:30-17:00

- K. Yamamoto 30min Konan Univ.  
Reaction cross section for oxygen below astrophysical energies
- J. Iwata 30min Univ. of Tokyo  
Reduced charge equilibration in heavy-ion collision at higher energy and synthesis of neutron-rich nuclei
- A. Saito 30min Univ. of Tokyo  
 $\alpha + ^8\text{He}$  cluster states in  $^{12}\text{Be}$  (via  $\alpha$ -inelastic scatter)

18:00- BBQ at Sapporo Bear Garden

19 (Sat) AM 10:30-

- Y. Kanada-En'yo 30min YITP  
Shape coexistence in N=14 nuclei
- Y. Funaki 30min RIKEN  
Alpha-particle condensation in  $^{16}\text{O}$
- K. Arai 30min Nagaoka National College of Technology  
Resonance excited states of the light nuclei in a microscopic cluster model

Lunch

19 (Sat) PM 1 13:30-15:00

- M. Ploszajczak 30min GANIL  
TBA
- Y. Sasamoto 30min Univ. of Tokyo  
Cluster states in  $^{13}\text{C}$
- T. Yoshida 30min Hokkaido University  
Appearance of alpha-cluster structure in  $^{13}\text{C}$

Break

19 (Fri) PM 2 15:30-16:30

- N. Furutachi 30min Hokkaido University  
Structure of light halo nuclei
- T. Myo 30min Osaka Institute of Technology  
Role of the explicit tensor correlation in neutron halo nuclei