

# RCNP Workshop on

## "Cluster and nuclear force in light nuclei"

**Date** September 25(Mon) 10:00-17:00

**Place** 10:00-15:00 2nd floor (meeting room)  
15:00-17:00 4th floor (lecture room)

### Program

10:00-10:30 H. Horiuchi (RCNP)

Di-neutron Correlation in Finite Nuclei

10:30-11:00 A. Tohsaki (RCNP)

Microscopic di-neutron condensate wave function

11:00-11:15 Break

11:15-12:00 M. Takashina (YITP, Kyoto Univ.)

Alpha+<sup>12</sup>C inelastic angular distribution and nuclear size of <sup>12</sup>C(0<sup>+</sup><sub>2</sub>)

12:00-13:30 Lunch

13:30-14:15 Y. Kanada-En'yo (YITP, Kyoto Univ.)

Cluster Structures in <sup>13</sup>C

14:15-15:00 T. Myo (RCNP)

Structures of <sup>11</sup>Li with tensor and pairing correlations

15:00-15:15 Break (Move to 4F)

15:15-16:00 S. Aoyama (Niigata Univ.)

Clustering states in H- and He-isotopes region

16:00-17:00 N. Orr (Univ. of Caen)

Light neutron-rich systems at and beyond the dripline

**Contact Person** Takayuki Myo (RCNP)