

[RIBF-ULIC-Symposium-003]

Further understanding of 'Island of Inversion' via nuclear moments and inelastic reactions.

Monday 20 December 2010

Introduction : 10:20-10:30

- Dr. YOSHIDA, Kenichi

Session 1 : 10:30-12:00 (Chair : Prof. Shimoda)

10:30-11:00 - Study of the island of inversion through nuclear-moment measurements

Dr. UENO, hideki

11:00-11:30 - Pairing and deformation in nuclei around the island of inversion

Dr. YOSHIDA, Kenichi

11:30-12:00 - Shell-model study on the island of inversion: what has been clarified and what should be

Dr. UTSUNO, Yutaka

Lunch : 12:00-13:30

Session 2 : 13:30-15:30 (Chair : Dr. Utsuno)

13:30-14:00 - Studies of neutron-rich nuclear structures through beta-delayed decay of spin-polarized isotopes

Prof. SHIMODA, Tadashi

14:00-14:30 - Spectroscopy in the Island of Inversion studied by AMD and perspectives

Dr. KIMURA, Masaaki

14:30-15:00 - Structure study of nuclei in and around the island of inversion by γ -ray measurement at RIPS and BigRIPS

Dr. AOI, Nori

15:00-15:30 - Shape coexistence/mixing in Mg isotopes

Dr. HINOHARA, Nobuo

Break : 15:30-16:00

Session 3: 16:00-17:00 (Chair : Prof. Suzuki)

16:00-16:30 - A new theory on nucleon removal reaction

Prof. YAHIRO, Masanobu

16:30-17:00 - Application of the eikonal reaction theory to ^{31}Ne induced reaction

Mr. MINOMO, Koushou

Tuesday 21 December 2010

Session 4: 09:30-10:00 (Chair : Prof. Yahiro)

09:30-10:00 - Mechanism for nuclear and Coulomb breakup reactions

Dr. MATSUMOTO, Takuma

10:00-10:30 - Coulomb breakup of neutron-rich nuclei around the island of inversion

Prof. NAKAMURA, Takashi

Break: 10:30-11:00

11:00-11:30 - Reactions of ^{31}Ne in the Glauber model

Prof. SUZUKI, Yasuyuki

11:30-12:00 - Interaction Cross Sections for Ne and Na Isotopes towards the island of Inversion

Dr. TAKECHI, Maya

Seminar: 13:30-15:00 at Nishina Hall

Discussion: 15:00-16:30

Summary: 16:30-17:00

Dr. KIMURA, Masaaki