

**[RIBF-ULIC-Symposium-
010]International Symposium
on Perspective in Isospin
Physics ~Role of non-central
interactions in structure and
dynamics of unstable nuclei~**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening remark from ULIC

Monday, 27 August 2012 10:00 (5 minutes)

Primary author: Dr UENO, hideki (RNC)

Presenter: Dr UENO, hideki (RNC)

Session Classification: Opening remarks

Contribution ID: 1

Type: **not specified**

Opening remark from organizers

Monday, 27 August 2012 10:05 (5 minutes)

Primary author: Dr UESAKA, Tomohiro (CNS, University of Tokyo)

Presenter: Dr UESAKA, Tomohiro (CNS, University of Tokyo)

Session Classification: Opening remarks

Contribution ID: 2

Type: **not specified**

Calculations with chiral forces in no-core shell model with continuum

Monday, 27 August 2012 10:10 (30 minutes)

Primary author: Prof. NAVRATIL, Petr (TRIUMF)

Presenter: Prof. NAVRATIL, Petr (TRIUMF)

Session Classification: Light neutron-rich nuclei

Contribution ID: 3

Type: **not specified**

Experimental study of unstable nuclei near the neutron drip line

Monday, 27 August 2012 11:10 (30 minutes)

Primary author: Dr KONDO, Yosuke (RIKEN Nishina Center)

Presenter: Dr KONDO, Yosuke (RIKEN Nishina Center)

Session Classification: Light neutron-rich nuclei

Contribution ID: 4

Type: **not specified**

Role of tensor force in light unstable nuclei

Monday, 27 August 2012 11:40 (30 minutes)

Primary author: Prof. MYO, Takayuki (Osaka Institute of Technology)

Presenter: Prof. MYO, Takayuki (Osaka Institute of Technology)

Session Classification: Light neutron-rich nuclei

Contribution ID: 5

Type: **not specified**

Study of neutron-rich nuclei via the heavy-ion double-charge reaction

Monday, 27 August 2012 10:40 (30 minutes)

Primary author: Mr TAKAKI, Motonobu (CNS)

Presenter: Mr TAKAKI, Motonobu (CNS)

Session Classification: Light neutron-rich nuclei

Contribution ID: 6

Type: **not specified**

(p,n) reaction on N=Z unstable nuclei in inverse kinematics

Monday, 27 August 2012 13:30 (30 minutes)

Primary author: SASANO, Masaki (RIKEN Nishina Center)

Presenter: SASANO, Masaki (RIKEN Nishina Center)

Session Classification: Gamow-Teller transitions

Contribution ID: 7

Type: **not specified**

Role of isoscalar pairing in N=Z nuclei

Monday, 27 August 2012 14:00 (30 minutes)

Primary author: BAI, Chulin (Situan)

Presenter: BAI, Chulin (Situan)

Session Classification: Gamow-Teller transitions

Contribution ID: 8

Type: **not specified**

Mean-field calculation including proton-neutron mixing – toward proton-neutron pairing –

Monday, 27 August 2012 14:30 (30 minutes)

Presenter: Dr SATO, Koichi (RIKEN Nishina Center)

Session Classification: Gamow-Teller transitions

Contribution ID: 9

Type: **not specified**

Beta+ charge-exchange spin monopole excitations studied via the (t,3He) and (n,p) reactions at 300MeV/u

Monday, 27 August 2012 15:30 (30 minutes)

Primary author: Dr MIKI, Kenjiro (RCNP, Osaka University)

Presenter: Dr MIKI, Kenjiro (RCNP, Osaka University)

Session Classification: Spin giant resonances

Contribution ID: **10**

Type: **not specified**

Fine structure of spin-dipole excitations in covariant density

Monday, 27 August 2012 16:00 (30 minutes)

Primary author: Dr LIANG, H. Z. (RIKEN Nishina Center)

Presenter: Dr LIANG, H. Z. (RIKEN Nishina Center)

Session Classification: Spin giant resonances

Contribution ID: 11

Type: **not specified**

Study of spin-isospin excitations via the (p,n) reaction with spin observables

Monday, 27 August 2012 16:30 (30 minutes)

Primary author: Dr DOZONO, M. (RIKEN Nishina Center)

Presenter: Dr DOZONO, M. (RIKEN Nishina Center)

Session Classification: Spin giant resonances

Contribution ID: 12

Type: **not specified**

Cluster-Shell Competition driven by LS and Tensor Interaction

Tuesday, 28 August 2012 10:30 (30 minutes)

Primary author: Prof. MASUI, H. (Kitami)

Presenter: Prof. MASUI, H. (Kitami)

Session Classification: Cluster structures

Contribution ID: 13

Type: **not specified**

Measurement of decay α particles from cluster states in ^{12}C ~ toward the study of unstable nuclei ~

Tuesday, 28 August 2012 11:00 (30 minutes)

Primary author: ITO, Masatoshi (Tohoku University, CYRIC)

Presenter: ITO, Masatoshi (Tohoku University, CYRIC)

Session Classification: Cluster structures

Contribution ID: **14**

Type: **not specified**

Tensor correlations in light nuclear systems

Tuesday, 28 August 2012 11:30 (30 minutes)

Primary author: Prof. HORIUCHI, W. (Hokkaido Univ.)

Presenter: Prof. HORIUCHI, W. (Hokkaido Univ.)

Session Classification: Cluster structures

Contribution ID: 15

Type: **not specified**

The role of continuum and three-nucleon forces in neutron rich nuclei

Tuesday, 28 August 2012 13:30 (30 minutes)

Primary author: Prof. HAGEN, Gaute (ORNL/Tennessee)

Presenter: Prof. HAGEN, Gaute (ORNL/Tennessee)

Session Classification: Single particle states

Contribution ID: 16

Type: **not specified**

Experimental study of single-particle levels in Oxygen isotopes

Tuesday, 28 August 2012 14:00 (30 minutes)

Primary author: Mr KAWASE, Shoichiro (CNS, Univ. of Tokyo)

Presenter: Mr KAWASE, Shoichiro (CNS, Univ. of Tokyo)

Session Classification: Single particle states

Contribution ID: 17

Type: **not specified**

Recent results from single-particle states spectroscopy using the (d,p) transfer reaction

Tuesday, 28 August 2012 14:30 (30 minutes)

Primary author: Prof. BEAUMEL, D. (Orsay/RIKEN)

Presenter: Prof. BEAUMEL, D. (Orsay/RIKEN)

Session Classification: Single particle states

Contribution ID: **18**

Type: **not specified**

Gamma-ray spectroscopy at RIBF

Tuesday, 28 August 2012 15:30 (30 minutes)

Primary author: Dr TAKEUCHI, Satoshi (RIKEN Nishina Center)

Presenter: Dr TAKEUCHI, Satoshi (RIKEN Nishina Center)

Session Classification: Shell structures

Contribution ID: **19**

Type: **not specified**

Tensor-force driven shell evolution in correlated nuclei

Tuesday, 28 August 2012 16:00 (30 minutes)

Primary author: Dr UTSUNO, Yutaka (Japan Atomic Energy Agency)

Presenter: Dr UTSUNO, Yutaka (Japan Atomic Energy Agency)

Session Classification: Shell structures