

**[RIBF-ULIC-miniWS-015]
Alpha cluster structure on
unstable nuclei revealed by
newly constructed SAMURAI
spectrometer**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening address, SAMURAI collaboration

Thursday 19 April 2012 10:00 (20 minutes)

Primary author: MOTOBASHI, Tohru (RIKEN Nishina Center)

Presenter: MOTOBASHI, Tohru (RIKEN Nishina Center)

Session Classification: Session 1

Contribution ID: 1

Type: **not specified**

SAMURAI overview from experimental point of view

Thursday 19 April 2012 10:20 (30 minutes)

Primary author: YONEDA, Ken'ichiro (RIKEN Nishina Center)

Presenter: YONEDA, Ken'ichiro (RIKEN Nishina Center)

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

(p,p' α) α knock-out reaction on Be isotopes

Thursday 19 April 2012 10:50 (30 minutes)

LOI on the last PAC meeting

Primary author: BEAUMEL, Didier (IPN Orsay - JSPS international researcher)

Presenter: BEAUMEL, Didier (IPN Orsay - JSPS international researcher)

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

$^{10}\text{Be} + \alpha$ structures in ^{14}C

Thursday 19 April 2012 11:20 (30 minutes)

Primary author: SUHARA, Tadahiro (Tsukuba University)

Presenter: SUHARA, Tadahiro (Tsukuba University)

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

Mechanism of $\alpha + {}^{24}\text{O}$ cluster structure on highly excited region on ${}^{28}\text{Ne}$, Importance and possibility of measurement

Thursday 19 April 2012 13:30 (30 minutes)

Primary author: ITO, Makoto (Kansai University)

Presenter: ITO, Makoto (Kansai University)

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

Measurement of the $\alpha + {}^{24}\text{O}$ cluster dissociation reaction on SAMURAI and its feasibility

Thursday 19 April 2012 14:00 (30 minutes)

Primary author: OTSU, Hideaki (RIKEN Nishina Center)

Presenter: OTSU, Hideaki (RIKEN Nishina Center)

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

Cluster structures in $^{40,42}\text{Ca}$

Thursday 19 April 2012 14:30 (30 minutes)

Primary author: TANIGUCHI, Yasutaka (Tsukuba University)

Presenter: TANIGUCHI, Yasutaka (Tsukuba University)

Session Classification: Session 2

Contribution ID: 7

Type: **not specified**

(TBA) (α, α') reaction on stable nuclei and application to unstable nuclei

Thursday 19 April 2012 15:15 (30 minutes)

Primary author: KAWABATA, Takahiro (Kyoto University)

Presenter: KAWABATA, Takahiro (Kyoto University)

Session Classification: Session 3

Contribution ID: 8

Type: **not specified**

(TBA) Experimental approach to measure alpha condensation and possibility on SAMURAI

Thursday 19 April 2012 15:45 (30 minutes)

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

Presenter: ITO, Masatoshi (CYRIC, Tohoku University)

Session Classification: Session 3

Contribution ID: 9

Type: **not specified**

Ne isotope highly excited state, positive-negative parity states

Thursday 19 April 2012 16:15 (30 minutes)

Primary author: KIMURA, Masaaki (Hokkaido University)

Presenter: KIMURA, Masaaki (Hokkaido University)

Session Classification: Session 3