

**SAMURAI Workshop -
Towards first experiments -
Report of Contributions**

Contribution ID: 0

Type: **not specified**

Opening Address

Monday 22 November 2010 10:30 (10 minutes)

Presenter: MOTOBAYASHI, Tohru (RIKEN Nishina Center)

Session Classification: Overview

Contribution ID: 1

Type: **not specified**

Overview

Monday 22 November 2010 10:40 (20 minutes)

Presenter: KOBAYASHI, Toshio (Tohoku U.)

Session Classification: Overview

Contribution ID: 2

Type: **not specified**

SAMURAI Magnet

Monday 22 November 2010 11:00 (25 minutes)

Presenter: SATO, Hiromi (RIKEN Nishina Center)

Session Classification: Construction of Magnetic spectrometer

Contribution ID: 3

Type: **not specified**

Vacuum System

Monday 22 November 2010 11:25 (20 minutes)

Presenters: OTSU, Hideaki (RIKEN Nishina Center); SHIMIZU, Yohei (RIKEN Nishina Center)

Session Classification: Construction of Magnetic spectrometer

Contribution ID: 4

Type: **not specified**

Magnetic Field mapping

Monday 22 November 2010 11:45 (15 minutes)

Presenters: OTSU, Hideaki (RIKEN Nishina Center); ISOBE, Tadaaki (RIKEN Nishina Center)

Session Classification: Construction of Magnetic spectrometer

Contribution ID: 5

Type: **not specified**

Heavy Ion Detectors

Monday 22 November 2010 13:15 (30 minutes)

Presenter: KOBAYASHI, Toshio (Tohoku U.)

Session Classification: Detector Construction and Development I

Contribution ID: 6

Type: **not specified**

NEBULA(+ Gamma detector array)

Monday 22 November 2010 13:45 (30 minutes)

Presenter: NAKAMURA, Takashi (Tokyo Institute of Technology)

Session Classification: Detector Construction and Development I

Contribution ID: 7

Type: **not specified**

Proton detection

Monday 22 November 2010 14:15 (20 minutes)

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

Session Classification: Detector Construction and Development I

Contribution ID: 8

Type: **not specified**

Polarized deuteron

Monday 22 November 2010 14:35 (20 minutes)

Presenter: SEKIGUCHI, Kimiko (Tohoko U.)

Session Classification: Detector Construction and Development I

Contribution ID: 9

Type: **not specified**

SAMURAI TPC

Monday 22 November 2010 15:25 (20 minutes)

Presenter: MURAKAMI, Tetsuya (Kyoto U.)

Session Classification: Detector Construction and Development II

Contribution ID: **10**

Type: **not specified**

DAQ system for SAMURAI

Monday 22 November 2010 15:45 (20 minutes)

Presenter: BABA, Hidetada (RIKEN Nishina Center)

Session Classification: Detector Construction and Development II

Contribution ID: **11**

Type: **not specified**

Discussion

Contribution ID: 12

Type: **not specified**

Pygmy resonance excitation in Ni and Ca regions.

Tuesday 23 November 2010 10:35 (25 minutes)

Presenter: KOBAYASHI, Toshio (Tohoku U.)

Session Classification: First phase experiments

Contribution ID: 13

Type: **not specified**

Exclusive Coulomb breakup of neutron drip line nuclei

Tuesday 23 November 2010 09:45 (25 minutes)

Presenter: NAKAMURA, Takashi (Tokyo Institute of Technology)

Session Classification: First phase experiments

Contribution ID: 14

Type: **not specified**

Invariant-mass spectroscopy of unbound nuclei using SAMURAI

Tuesday 23 November 2010 10:10 (25 minutes)

Presenter: KONDO, Yosuke (Tokyo Institute of Technology)

Session Classification: First phase experiments

Contribution ID: 15

Type: **not specified**

(*p,pn*) neutron-knockout reaction in the light-mass region

Tuesday 23 November 2010 14:05 (20 minutes)

Presenter: KOBAYASHI, Toshio (Tohoku U.)

Session Classification: Second phase experiments II

Contribution ID: 16

Type: **not specified**

Investigation of stellar proton capture reactions on proton-rich nuclei using Coulomb dissociation

Tuesday 23 November 2010 11:15 (25 minutes)

Presenters: YONEDA, Ken-ichiro (RIKEN Nishina Center); TOGANO, Yasuhiro (RIKEN Nishina Center)

Session Classification: Second phase experiments I

Contribution ID: 17

Type: **not specified**

Probing symmetry energy using SAMURAI

Tuesday 23 November 2010 11:40 (25 minutes)

Presenter: MURAKAMI, Tetsuya (Kyoto U.)

Session Classification: Second phase experiments I

Contribution ID: **18**

Type: **not specified**

Experiments with polarized deuteron beam at SAMURAI

Tuesday 23 November 2010 12:05 (25 minutes)

Presenter: SEKIGUCHI, Kimiko (Tohoku U.)

Session Classification: Second phase experiments I

Contribution ID: **19**

Type: **not specified**

Proton elastic scattering for the study of weakly bound nuclei with SAMURAI

Tuesday 23 November 2010 13:45 (20 minutes)

Presenter: MATSUDA, Yohei (Tohoku U.)

Session Classification: Second phase experiments II

Contribution ID: 20

Type: **not specified**

Search for unbound excited states in proton rich nuclei

Tuesday 23 November 2010 14:45 (20 minutes)

Presenter: IWASA, Naohito (Tohoku U.)

Session Classification: Second phase experiments II

Contribution ID: **21**

Type: **not specified**

Survey of alpha cluster resonances in the Ne isotopes

Tuesday 23 November 2010 14:25 (20 minutes)

Presenter: OTSU, Hideaki (RIKEN Nishina Center)

Session Classification: Second phase experiments II

Contribution ID: 22

Type: **not specified**

Alpha inelastic scattering and cluster structures in neutron-rich nuclei

Tuesday 23 November 2010 15:40 (20 minutes)

Presenter: KAWABATA, Takahiro (Kyoto U.)

Session Classification: Second phase experiments III

Contribution ID: 23

Type: **not specified**

Pygmy and giant resonances in neutron-rich nuclei

Tuesday 23 November 2010 15:20 (20 minutes)

Presenter: YOSHIDA, Kenichi (RIKEN Nishina Center)

Session Classification: Second phase experiments III

Contribution ID: 24

Type: **not specified**

TBA

Contribution ID: 25

Type: **not specified**

TBA

Contribution ID: 26

Type: **not specified**

Fission on the neutron-rich side beyond the valley of stability

Tuesday 23 November 2010 16:00 (20 minutes)

Presenter: HENNING, Walter F. (RIKEN Nishina Center)

Session Classification: Second phase experiments III

Contribution ID: 27

Type: **not specified**

TBA

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

Contribution ID: 28

Type: **not specified**

A new analysis framework at RIBF

Monday 22 November 2010 16:05 (20 minutes)

Presenter: CHIBA, Junsei (Tokyo University of Science)

Session Classification: Detector Construction and Development II

Contribution ID: 29

Type: **not specified**

Remarks on Physics programs at SAMURAI

Tuesday 23 November 2010 09:30 (15 minutes)

Presenter: NAKAMURA, Takashi (Tokyo Institute of Technology)

Session Classification: Remarks on Physics programs