

RIBF ULIC Symposium Report

E(U)RICA WORKSHOP 2011, May. 23–24

RNC, RIBF Building 2F Conference Room
<http://indico.riken.jp/indico/conferenceDisplay.py?confId=423>
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1 Summary of Discussions

A gamma-ray spectrometer based on 15 EUROBALL Cluster Ge detectors is planned to be installed at the F11 focus of the BigRIPS spectrometer. The spectrometer will have a photopeak efficiency of 15 % at 662 keV and therefore greatly enhances the RIBF's physics program for isomer and beta-delayed gamma-ray spectroscopy of exotic nuclei.

This workshop was the kickoff meeting for this European RIKEN Cluster Array (EURICA) collaboration, intended to start with its experimental program in 2012. Many presentations on the physics case for EURICA were given that showed great interest in using the RIBF's un-

matched exotic beam yields in particular from induced fission reactions. From the discussed physics case a set of proposals is intended to be submitted for the 10th RIBF NP-PAC meeting at the end of 2011.

Several technical aspects for the construction phase, the foreseen time-line and the organizational structure were discussed. One open question that needs further discussion is, for example, the intended data acquisition (DAQ) system and analysis software for EURICA. Thus, follow up meetings between the collaborators in charge for the DAQ of the different detection systems of EURICA have been suggested.

2 Applicants

Shunji Nishimura Pieter Doornenbal
RI Phys. Lab., RIKEN

3 Participants

3.1 Participants by Country

Country	#
FRANCE	3
GERMANY	3
ITALY	3
JAPAN	30
SPAIN	2
UNITED KINGDOM	2
UNITED STATES	1

3.2 List of Participants

Table 1: List of Participants

#	Name	Affiliation	Country
1	ALGORA, Alejandro	IFIC (CSIC-Univ. Valencia)	SPAIN
2	AOI, Nori	RCNP, Osaka Univ.	JAPAN
3	BABA, Hidetada	RNC	JAPAN
4	STEPPENBECK, David	RNC	JAPAN
5	DOORNENBAL, Pieter	RNC	JAPAN
6	GONO, Yasuyuki	RNC	JAPAN
7	HENNING, Walter	ANL and RNC	USA
8	HINKE, Christoph	TU München	GERMANY
9	ICHIKAWA, Yuichi	RNC	JAPAN
10	IDEGUCHI, Eiji	CNS, University of Tokyo	JAPAN
11	ISHIHARA, Masayasu	RNC	JAPAN
12	ISOBE, Tadaaki	RNC	JAPAN
13	KOMATSUBARA, Tetsuro	Univ. of Tsukuba	JAPAN
14	KUBO, Toshiyuki	RNC	JAPAN
15	LEE, Jenny	RNC	JAPAN
16	LI, Zihuan	RNC	JAPAN
17	LORUSSO, Giuseppe	RNC	JAPAN
18	LOZEVA, Radomira	IPHC, CNRS, IN2P3	FRANCE
19	MATSUSHITA, Masafumi	Rikkyo Univ.	JAPAN
20	MOTOBAYASHI, Tohru	RNC	JAPAN
21	NAKAO, Taro	RNC	JAPAN
22	NIIKURA, Megumi	IPN Orsay	FRANCE
23	NISHIMURA, Mizuki	RNC	JAPAN
24	NISHIMURA, Shunji	RNC	JAPAN
25	ODAHARA, Atsuko	RCNP, Osaka Univ.	JAPAN

(continued on next page)

Table 1: List of Participants (continued)

#	Name	Affiliation	Country
26	OTSU, Hideaki	RNC	JAPAN
27	PODOLYAK, Zsolt	University of Surrey	UK
28	RECCHIA, Francesco	University of Padova	ITALY
29	REGAN, Patrick	University of Surrey	UK
30	RUBIO, Berta	CSIC Valencia	SPAIN
31	SAKAI, Hideyuki	RNC	JAPAN
32	SAKURAI, Hiroyoshi	RNC	JAPAN
33	SCHEIT, Heiko	TU Darmstadt	GERMANY
34	SUMIKAMA, Toshiyuki	Tokyo University of Science	JAPAN
35	TAKEUCHI, Satoshi	RNC	JAPAN
36	UESAKA, Tomohiro	RNC	JAPAN
37	VALIENTE DOBON, Jose Javier	LNL-INFN	ITALY
38	VERNEY, David	CNRS	FRANCE
39	WANG, He	RNC	JAPAN
40	WATANABE, Hiroshi	RNC	JAPAN
41	WIELAND, Oliver	INFN sezione di Milano	ITALY
42	WOLLERSHEIM, Hans-Jürgen	GSI	GERMANY
43	YONEDA, Kenichiro	RNC	JAPAN
44	YOSHINAGA, Kenta	Tokyo University of Science	JAPAN

3.3 Details

For details see: <http://indico.riken.jp/indico/confRegistrantsDisplay.py/list?confId=423>

4 Supported Expenses

Item	cost (Yen)
Travel	
SCHEIT, Heiko	21,290
Coffee, Snacks	32,360
Total	53,650