

RIBF ULIC Symposium/mini-WS Report

* English only

Date: November, 21, 2012

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Title	[RIBF-ULIC-miniWS:020] Collaboration meeting for strategy in structure and reaction problems of nuclear clustering
Date	November 9-10, 2012
Place	Main Research Bldg. 535, 537
Language	<input type="checkbox"/> English <input checked="" type="checkbox"/> Japanese
HP address	http://
Contact Person(s) (Name, Affiliation)	Yasuro Funaki, Nishina Center, RIKEN

Financial support from ULIC	Total :	145,500	JPY
	[Breakdown] Travel expense and Accommodation fee Masaaki Kimura: 56,520 Wataru Horiuchi: 61,020 Naoyuki Itagaki: 27,960		
Co-hosting / any financial support from other organization(s)	No		

Summary of discussions and its (expected) results:

We held informal two-day workshop on nuclear clustering, where 14 talks from theory and experiment were given. They cover ab-initio calculations, unstable nuclei, alpha-particle condensation, competition between cluster and mean-field structures, resonances and complex scaling method, CDCC approach and its applications, clustering in hypernuclei, and applications of cluster model calculations to K computer. Based on the given 14 talks, we mutually understand what we are doing, confirmed where we stand now, and discussed what we should do in the coming three to five years. In particular, potential themes on nuclear clustering to be discussed in the international nuclear cluster conference (SOTANCP14), which will be held at Yokohama in 2014, were clarified by the participants, who are the core Japanese organizers or important contributors in the conference.

Participants list(Name, Affiliation):

Masaaki Kimura (Hokkaido U.)
 Yasutaka Taniguchi (U. of Tsukuba)
 Hidenari Yamaguchi (CNS, U. of Tokyo)
 Naoyuki Itagaki (YITP, Kyoto U.)
 Fumiharu Kobayashi (Kyoto U.)
 Yasuro Funaki (RIKEN)
 Taiichi Yamada (Kanto-Gakuin U.)
 Wataru Horiuchi (Hokkaido U.)
 Takayuki Myo (Osaka Inst. Tech.)
 Tadahiro Suhara (U. of Tsukuba)

Shigeyoshi Aoyama (Niigata U.)
Masayasu Kamimura (RIKEN)
Takuma Matsumoto (Kyushu U.)
Hideaki Otsu (RIKEN)
Yoshiko Kanada-En'yo (Kyoto U.)
Hiroshi Masui (Kitami Inst. Tech.)
Koichi Sato (RIKEN)
Kenji Fukukawa (RIKEN)
Takumi Doi (RIKEN)

Please attach other documents as needed.