

RIBF ULIC Symposium/Mini-WS Report

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Workshop reference number	RIBF-ULIC Mini-WS023
Title	SUNFLOWER – In-beam gamma and MINOS
Date	2013/02/20-21
Venue	RIKEN Nishina Hall
Language	English
Workshop website	https://indico2.riken.jp/event/1010/
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Summary of discussions and its (expected) results

During the mini workshop preliminary and final results of all in-beam gamma-ray spectroscopy experiments were presented. This included obtained results in the Island of Inversion region, for ^{54}Ca , for ^{78}Ni , and many other nuclei around the two doubly magic tin isotopes. It was shown that all performed experiments at the RIBF achieved their main goals and initial results in which DALI2 is used as ancillary detector at SHARAQ and SAMURAI demonstrated the necessity for in-beam spectroscopy as tagging. In addition, the status of the MINOS project, an active liquid hydrogen target for knockout reactions capable of proton tracking for vertex reconstruction was presented and discussed.

Based on the available high beam intensities, gained experimental experience and result, and the new MINOS device many new ideas and opportunities were presented.