

Dear colleagues,

following the workshop on the "High Resolution Gamma-Ray Spectroscopy at the RIBF" in Darmstadt this April (<https://indico2.riken.jp/event/2956/>) we are now calling for pre-proposals.

The purpose of these pre-proposals is to further avoid overlaps, determine the configuration of the array and ancillary devices, and decide on the primary beams for the campaign next year.

The pre-proposal should briefly summarize the physics case, the reaction(s) to be measured, and the configuration of the setup. Realistic count rate estimates using LISE++ for the secondary beam parameters and the UCHRArray simulation package should also be included.

The slides presented at the workshop can be found online  
<https://indico2.riken.jp/event/2956/timetable>

Please consider the rate limitations at for the particle identification at F7 and F11, as well as the beam dump position. Information for BigRIPS can be found here:  
<http://ribf.riken.jp/BigRIPSInfo/>

LISE++ input files with measured cross sections can be downloaded here:  
<http://www.nishina.riken.jp/RIBF/BigRIPS/intensity.html>

Secondary beam rates should be estimated up to the F8 focus.

The GEANT simulation package and manual can be downloaded here:  
<http://www.nishina.riken.jp/collaboration/SUNFLOWER/devices/hrarray/index.html>

The pre-proposal should be contained within two (2) pages, figures, tables, and list of authors extra.

It should be submitted to [wimmer@nex.phys.s.u-tokyo.ac.jp](mailto:wimmer@nex.phys.s.u-tokyo.ac.jp) by Jul 8 23:59 JST.

Cheers,  
Pieter and Kathrin