



December 27, 2021

Dear Dr. Tomohiro Uesaka,

We are grateful for your proposal submission at the 22nd program advisory committee meeting for nuclear physics experiments at the RI Beam Factory (NP-PAC). The committee reviewed your proposal and made a recommendation for beam-time allocation. As the Directors of the RIKEN Nishina Center for Accelerator-Based Science and the Center for Nuclear Study, the University of Tokyo, and the Institute of Particle and Nuclear Studies, KEK, we have decided to follow the recommendation, which is attached below.

Sincerely yours,

Hiroyoshi Sakurai
Director of RIKEN Nishina Center
for Accelerator-Based Science

Susumu Shimoura
Director of Center for Nuclear Study
The University of Tokyo

Naohito Saito
Director
Institute of Particle and Nuclear Studies (IPNS)
High Energy Accelerator Research Organization (KEK)

NP2112-SAMURAI72 (Construction)

Title: **TOGAXSI: a new detector array for inverse-kinematics cluster and nucleon knock-out reaction experiments**

Spokesperson: **Tomohiro Uesaka**

The PAC congratulates the collaboration for obtaining funding for the TOGAXSI detector. We note the increased capabilities for the study of cluster and nucleon knockout experiments promised by this array especially the improved rate performance obtained from using the GAGG scintillators. We look forward to future proposals using this detector.