

Preface for the KURNS Progress Report 2024

It is our pleasure to announce that the KURNS Progress Report 2024 has been published. This report contains all of the accomplishments of research and related activities at the Institute for Integrated Radiation and Nuclear Science, Kyoto University (KURNS) during the fiscal year 2024 (hereafter called as FY2024). A large number of research subjects have been enrolled in FY2024, which covers various fields of nuclear science and technology, materials science, radiation life science and radiation medical science. It means that our institute continues to play a distinctive role as a Joint Usage/Research Center, promoting an extensive range of studies from fundamental to applied research with research reactors and accelerators.

In FY 2024, KUR was operated for 679 hours and KUCA was for 0 hours. Note that here KUCA has zero operating hours due to efforts to move to low enriched uranium fuel and KUR will stop operating in May 2026. In addition to KUR and KUCA, we have conducted joint research at hot laboratories, various accelerator facilities, and so on. In total, we accepted 3024 man-day researchers and students for using research facilities and for attending scientific meetings.

We strive for safe and stable operations for nationwide use, making it our primary mission to provide scientists the opportunity to conduct research and education. We are happy to dedicate our support to enable users conduct significant interdisciplinary research at KURNS.

Kumatori, June 27, 2025
Ken Kurosaki Director,
KURNS