

Production and application of oriented RI beam for future nuclear physics research

mercredi 14 mai 2025 10:30 (20 minutes)

The production of oriented RI beams could be a key technique to extend nuclear moment measurements over the wide range of nuclei including ground and excited states. Our research group has been developing several experimental techniques to obtain the polarized/aligned states. In this presentation, we present our research activities such as the nuclear moment measurements based on the bNMR technique at RIPS, a future plan at RIBF based on fast/slow polarized RI beam. The nuclear spectroscopy based on a new technique will also be discussed.

Author: GO, Shintaro (RIKEN)

Orateur: GO, Shintaro (RIKEN)

Classification de Session: Session 7