

## Test of segmented plastic implantation detector with RI beam at RIBF

*Monday, 29 July 2024 16:30 (20 minutes)*

The segmented plastic scintillation detector GARi was tested with RI beam in the focal plain F11 of the RIBF accelerator complex. Implantation-decay correlation was obtained based on the reconstructed ion and beta positions on GARi. Known half-lives in neutron-rich Ar region were used to validate the implantation-decay correlation. Additionally, several new half-lives in this region were measured for the first time.

**Primary author:** Mr ZENG, Quanbo (RIKEN)

**Presenter:** Mr ZENG, Quanbo (RIKEN)

**Session Classification:** Session 2