

Infrastructure Design for RAON Beam Operation Information Transmission

Thursday, November 14, 2024 1:00 PM (1h 30m)

The RAON (Rare Isotope Accelerator complex for ON-line experiments) in South Korea is a facility designed to accelerate heavy ions and produce rare isotopes for research purposes. The control system at RAON utilizes the Experimental Physics and Industrial Control System (EPICS) as its core framework. Since the control network is a closed system isolated from external networks within the facility, a separate screen transmission system is necessary to share accelerator operation data developed with EPICS to another building via an external network. This paper explains the development of an EPICS-based control system for transferring operational information, the setup of the screen transmission infrastructure, and the operational results of the infrastructure observed during the recent beam operation period.

Contribution track

ICABU WG1. Accelerator Systems

Paper submission Plan

Best Presentation

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Session Classification: ICABU Poster Session

Track Classification: ICABU: ICABU WG1. Accelerator Systems