

Implementation of the Control Systems for the 1.7 MV Tandem Accelerator and beamlines at KOMAC

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KOMAC has been operating the 1.7 MV tandem accelerator, and has recently been improving the layout of the accelerator and beamline with the goal of establishing a PIXE system for cultural heritage analysis. Additionally, A distributed control system was implemented to enhance the stability of the control system, as replacing the previous centralized control system. The user interface has also been improved for operator convenience, and a beam characteristics analysis application has been developed to ensure precise analysis of the accelerator and beam characteristics. This paper will describe the implementation of the control system for the 1.7 MV tandem accelerator and various beamlines.

Paper submission Plan

Best Presentation

Contribution track

ICABU WG1. Accelerator Systems

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