

# Development of 4-Way Slits Control System for the ANTARES accelerator

*Wednesday, 19 October 2022 12:00 (20)*

This talk will describe the design and development of a control system for precise positioning of 4-way slits to be installed at the low energy end of the ANTARES accelerator at the ASTO Centre for Accelerator Science (CAS). The talk will cover the rationale, process and challenges faced in creating and implementing this in house design exercise. Topics covered include Stepper motors, drive selection, EtherCat communications and Beckhoff TwinCAT development software.

**Presenter(s)** : REES, Matthew (ANSTO)

**Session Classification** : IC-CoP

**Track Classification** : IC-Cop (Controls)