

# Advanced Implantation Detector Array (AIDA)

*lunes, 24 de marzo de 2025 15:00 (30)*

On behalf of the AIDA collaboration

The Advanced Implantation Detector Array (AIDA) is a state-of-the-art detector system for the measurement of the decay properties of exotic nuclei at fragmentation/fission facilities. Using highly segmented, large area double-sided silicon strip detectors the positions, energies and times of high energy implants and their subsequent low energy decays can be correlated at high implantation rates. To process signals from the large number of strips application specific integrated circuits provide low and high gain signal processing per strip with high dynamic range. We will discuss operation at RIBF (RIKEN), FRS (GSI) and CRYRING (GSI).

**Presenter(s) :** DAVINSON, Thomas (University of Edinburgh)

**Clasificación de la sesión :** Session 1