

Gamma-ray spectroscopy at TRIUMF-ISAC: recent results, perspectives and future opportunities

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Versatile Germanium-detector array is essential to exploit the unique scientific opportunities at TRIUMF Isotope Separator and ACcelerator (ISAC). The TIGRESS array and its associated auxiliary detectors has been designed for reaction studies with accelerated ion beams. The 8π spectrometer and its powerful suite of ancillary detectors is optimized for a wide program of research in the fields of nuclear structure, nuclear astrophysics and fundamental symmetries with low-energy radioactive beams. Gamma-Ray Infrastructure For Fundamental Investigations of Nuclei (GRIFFIN) will replace 8π spectrometer and take advantage of its auxiliary detectors. Recent results of experiments with TIGRESS and 8π will be presented.

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