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Recent results from the Miniball spectrometer

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Over the last two years, a revamped Miniball has been conducting physics experiments across the nuclear chart. Comprising eight assemblies of three electronically-segmented high-purity germanium crystals, the spectrometer measures gamma-rays emitted from fast-moving nuclei following various nuclear reactions. As well as being refurbished with new endcaps, cryostats, and AGATA-like pre-amplifiers, a new digital data acquisition for Miniball has been successfully installed to allow for a triggerless readout and to easily integrate ancillary detectors.

Recent developments, such as the first uses of a novel conversion electron spectrometer and the data acquisition readout scheme, will be discussed alongside selected results over the last two years of operation. Finally, future prospects of experiments and other developments will be presented.

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