

New Horizons at GANIL

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In this talk, we will give an overview of recent results and the new opportunities at GANIL. The use intense stable and short-lived beams (ISOL and fragmentation) and a variety of new and state of art equipment available at GANIL, to probe the three axis of nuclear physics namely excitation energy, angular momentum and the asymmetry of neutrons and protons will be highlighted. The talk will highlight among others the recent

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experiments done using the AGATA gamma array combined with various other detectors. The potential of the production of new isotopes around and beyond the neutron shell $N=126$ for nuclei below Pb by multinucleon transfer will also be discussed. The current status of the of LINAC along with the associated equipment (SPIRAL2 phase 1) and future plans will also be presented.