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Highlights from INFN-LNL, the Status and the Future plans of the SPES project

Thursday, 29 May 2025 11:00 (25 minutes)

INFN-LNL is a large scale facility that offers for users access to up to 5 accelerators covering a large range of ions (from proton to Uranium) and a large range of energy (few hundreds of KeV to few Tens of MeV per nucleon). The flagship project of LNL is SPES (Selective Production of Exotic Species) that aims at the realization of an accelerator facility for research in the fields of Fundamental Physics and Interdisciplinary Physics using ISOL (Isotope Separation On Line) type of rare isotopes. SPES aims also at building a facility that will be dedicated to Research and Development of innovative radioisotopes for medical diagnostics and therapies.

The status and future plans of the SPES project as well as some highlights from LNL related to the AGATA measurements campaign will be presented.

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