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## Collinear laser spectroscopy at RAON:Progress and perspectives of CLaSsy

CLaSsy is an experimental setup designed for laser spectroscopy on radioactive isotopes at the RAON ISOL facility in the Institute for Rare Isotope Science (IRIS), Korea. Laser spectroscopic technique provides the model-independent determinations of nuclear ground state properties, such as the mean-square charge radii and the electromagnetic moments. We have successfully installed the CLaSsy beamline and tested a charge exchange cell using an offline ion source connected to the beamline. Currently, we focus on the set-up of the frequency-tunable laser system and the laser beam transport system, along with the optical detection system on the CLaSsy beamline. The current effort aims at the first laser spectroscopy experiment on the radioactive isotopes, such as Na and Al, produced at the RAON ISOL facility.

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