Status of RAON in Korea

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RAON (Rare isotope Accelerator complex for ON-line experiments) is under active construction at Daejeon, Republic of Korea. Based on a 400 kW heavy-ion linear accelerator, RAON will deliver a variety of stable and rare isotope beams with wide range of energy (a few keV/nucleon to a few hundreds MeV/nucleon) and high intensity to experimental areas for researches in fields of basic and applied science. RAON is intended to facilitate the Inflight Fragment (IF) and Isotope Separation On-Line (ISOL) systems for production and separation of rare isotope beams. Especially, both ISOL and IF system can be operated in combination, which is the unique feature of RAON, allowing to reach more than 80% of the unexplored region in the chart of nuclide. Currently, the fabrication of major components for accelerator systems is under process. In this talk, the overview of RAON project, its scientific programs, progress on accelerator and experimental systems will be presented.