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OEDO-SHARAQ system: multifaceted performances in low-energy RI production and high-resolution spectroscopy

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The OEDO-SHARAQ system is the world's first beamline characterized by the energy-degrading of RI beams. While this system also has high performance on high-resolution nuclear spectroscopy with RI beams. A minor update of the system, performed in 2021, provided multifaceted improvements to the system in both effective energy-degrading and high-resolution spectroscopy with RI beams. We report the achievements of OEDO-SHARAQ system in experimental studies implemented recently and introduce perspectives about upcoming physics programs of OEDO-SHARAQ.

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