

Status and Prospects of the LEPS2 Solenoid Spectrometer

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A high-intensity GeV gamma beam line, LEPS2, was constructed at SPring-8 in Japan in 2013. A large acceptance solenoidal spectrometer has been constructed to detect charged particles, neutrons, and photons. Since 2021, physics data has been collected in order to study kaonic nuclei, and exotic hadrons. Photoproduction of hyperon resonances and mesons has been successfully observed. In this presentation, we will discuss the physics motivations and present preliminary results from our first beam.

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