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The ISOLDE Decay Station: current status and perspectives

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The ISOLDE Decay Station (IDS) [1] is a permanent experiment at CERN's ISOLDE facility. The device provides a versatile and flexible tool for studying the wide range of radioactive beams available at the laboratory, and consists of a recently upgraded array of clover detectors surrounding a movable tape system. This core setup is complemented by arrays of ancillary detector for charged particle (silicon, DSSDs, plastic scintillators), neutron (INDiE and OGS) and fast-timing (LaBr:Ce and plastic scintillators) measurements. In this contribution an overview of the setup with recent highlights from the collaboration will be given, along with plans for the future.

References

[1] <https://isolde-ids.web.cern.ch/>

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