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Status Update & Results from the XENONnT Project

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The XENONnT dark matter detector is the latest and largest dual-phase time projection chamber in the XENON experiment series, operating at the INFN Laboratori Nazionali del Gran Sasso. XENONnT hosts 5.9 tons of liquid xenon in its target mass and features multiple upgrades with respect to its predecessors. The detector has been collecting data since 2021, facilitating a wide range of scientific searches. In this talk, an update on the status of XENONnT, as well as its latest results will be presented.

Auteur principal: ELYKOV, Alexey (Karlsruhe Institute of Technology (KIT))

Orateur: ELYKOV, Alexey (Karlsruhe Institute of Technology (KIT))

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