## Latest results on the search for WIMPs with XENONnT

Wednesday 26 March 2025 09:15 (15 minutes)

The primary goal of the XENONnT experiment is to search for weakly interacting massive particles (WIMPs), a leading theoretical candidate for dark matter. In its second science run, XENONnT accumulated a total live time of ~186 days. During this run, the radon removal system was operated in high-flow mode, achieving a significant reduction of about 50% in the concentration of Rn-222 compared to the first science run. In this talk, I will present the XENONnT's latest results from a blind analysis to search for WIMPs with a mass above 10 GeV/ $c^2$  combining both first and second science runs for a total live time of ~283 days.

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Session Classification: SESSION 10: Direct Detection: status of liquid/gas WIMP detectors