

Abstract Submitted
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Results from the XENON100 Dark Matter Direct Search Experiment¹ QING LIN, Columbia Univ, XENON COLLABORATION — The XENON100 detector, located at the Laboratori Nazionali del Gran Sasso (LNGS) in Italy, has been taking dark matter data since 2008. Thanks to its large sensitive volume and very low background, XENON100 has achieved some of the best sensitivity in the field. In this talk we present the results of the latest scientific run with XENON100. Preliminary results from the combined exposure of all the scientific data accumulated by XENON100, using a refined analysis, will also be presented.

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