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## **【353】 Recent results from XENONnT**

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XENONnT is a direct dark matter search experiment located at Laboratori Nazionali del Gran Sasso in Italy. Due to its unprecedentedly low background and the large target mass of 5.9 tonnes of liquid xenon in a dual-phase time projection chamber, it is sensitive to a wide range of signals within and beyond the Standard Model. These include weakly interacting massive particles, solar axions, bosonic dark matter, solar neutrinos and rare nuclear decays. In this contribution, I will present the XENONnT experiment and show results from its first science run.

### **Theoretical Work**

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