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Results on dark matter search with XENONnT

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The XENONnT detector is currently running at the Gran Sasso underground laboratories and has recently set a new limit on direct WIMP search. The performances of this new detector and the recent results will be discussed. The near future perspectives for WIMP search and the sensitivity to other fundamental science channels (solar axions, ALPs, anomalous neutrino magnetic moment, solar neutrinos, neutrinoless double beta decay) will be reviewed.

Primary author: Dr MACOLINO, Carla (University of L'Aquila and INFN)

Presenter: Dr MACOLINO, Carla (University of L'Aquila and INFN)

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