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Axion-Like particle as Light Dark Matter Portal

Thursday, 28 November 2019 12:00 (45 minutes)

Today high precision accelerators represent a new frontier of detection for investigate on light dark sector. In particular I will illustrate why the axion-like particle can be a good Portal candidate as well as, by showing some phenomenological analysis, how PADME experiment, a fixed-target experiment in Laboratori Nazionali di Frascati, is able to test it.

Presenter: Dr GIACCHINO (LNF), Frederica (INFN - LNF)

Session Classification: Young scientists series