

(Anti)(hyper)nucleosynthesis at the LHC with ALICE

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In the last decade, ALICE has been one of the main experiments for the study of the (anti)(hyper) nucleosynthesis at collider.

From the study of the production of antinuclei in all collision systems to the measurement of the antinuclei interaction cross section with matter, ALICE is exploring the full spectrum of measurements involving (anti)(hyper)nuclei thanks to the copious amount of data collected.

In this talk I will give an overview of the physics programme of ALICE in the sector of antinuclei and hypernuclei and the possibilities of the next experiments.

Primary author: PUCCIO, Maximiliano (CERN)

Presenter: PUCCIO, Maximiliano (CERN)

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