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Overview of the ALICE results

Tuesday, 24 August 2021 10:00 (30 minutes)

The ALICE experiment at the LHC plays a key role in the studies of the hot and dense QCD medium, the quark-gluon plasma, which can be recreated in ultrarelativistic heavy-ion collisions. Furthermore, ALICE has provided significant contributions to the investigation of a possible formation of such a medium in small collision systems, to the characterisation of the energy evolution of the gluon content of dierent targets by means of ultra-peripheral collisions, and other areas.

In this presentation, we will highlight recent ALICE results that provide an important step towards our understanding of the QCD matter explored with pp, p|Pb, Xe|Xe and Pb|Pb collisions at the LHC. As we are approaching the end of the Long Shutdown 2 at the LHC, we will also present updates of the ALICE detector in view of the upcoming Run 3 and beyond.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

ALICE

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Yes

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