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## Overview of ALICE results

Tuesday, 3 June 2014 09:00 (0:30)

## **Collaboration**

ALICE

## **Abstract content**

ALICE is a dedicated experiment for measurements of heavy-ion collisions at the Large Hadron Collider (LHC). A wealth of experimental data recorded in 2010, 2011 and 2012 suggests that a strongly interacting de-confined medium is created in collisions of lead ions at a centre-of-mass energy  $\sqrt{s_{\rm NN}}=2.76$  TeV. In order to quantify the properties of this hot and dense matter, measurements were performed in smaller systems, such as proton-proton and proton-lead, where effects related to the medium are expected to be negligible. We present an overview of recent measurements of particle production and particle correlations in proton-proton, Pb–Pb and p–Pb collisions at the LHC by ALICE Collaboration.

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