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Experimental status of heavy-ion collisions at LHC

Tuesday 5 August 2014 12:00 (30 minutes)

After the first period of the heavy-ion run (Run-1, 2009 - 2013) at the Large Hadron Collider (LHC) at CERN, we obtained many new experimental results from ALICE, ATLAS and CMS collaborations. Now we are entering the new phase, i.e. a precise determination of properties of Quark Gluon Plasma (QGP) created in LHC/RHIC. In this talk, we review the experimental heavy ion results from LHC Run-1, as well as the results in p-p and p-Pb. We also present the future directions of the heavy ion physics program in LHC Run-2 and beyond.

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