

## RECENT RESULTS FROM RELATIVISTIC HEAVY ION COLLISIONS AT THE LHC

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The physics program of the Large Hadron Collider includes the studies of heavy ion collisions, with all four major experiments, ALICE, ATLAS, CMS and LHCb, collecting and analyzing lead-lead (PbPb) data at present. In addition, proton-proton (pp) and pPb collisions, at the same center of mass energies as the PbPb collisions, are considered reference systems and as such part of the heavy-ion program. I will focus in this talk in particular on the latest results in the hard-probe sector (jets, quarkonia, electro-weak bosons), emphasizing the role of the reference measurements for understanding the properties of the high-density QCD matter created in central heavy-ion collisions.