



Contribution ID: 120

Type: **not specified**

ALICE latest results in pp, p-Pb and Pb-Pb collisions

Saturday, 3 September 2016 10:00 (30 minutes)

The latest ALICE results collected in the pp, p-Pb and Pb-Pb runs at the LHC are presented. The energy evolution of the main observables describing the features of the heavy ion interaction at high energies is discussed: J/ψ suppression, fluid hydrodynamics and hard probes are shedding light on the properties of the matter in the high temperature nuclear fireball created at energies up to $\sqrt{s_{NN}}=5.02$ TeV. In addition, smaller collision systems (pp or p-Pb) look hotter than expected, showing few interesting cumulative effects. In the next p-Pb run, ALICE will continue to search for gluon saturation in the proton at higher energies, with the photon-proton centre of mass energy exceeding 1 TeV. A short description of the forthcoming ALICE upgrades will be presented.

Primary author: SCAPPARONE, Eugenio (BO)

Presenter: SCAPPARONE, Eugenio (BO)

Session Classification: Overviews

Track Classification: Special session