

## ATLAS Results on Pb+Pb Collisions

*jeudi 21 juillet 2011 09:00 (30 minutes)*

A wide research program provided by heavy ion collisions is ongoing at the Large Hadron Collider with the aim of studying the properties of QCD matter at extreme temperatures and densities. The large acceptance, high granularity and broad pseudorapidity coverage of the ATLAS Detector is well suited to perform detailed analyses on bulk phenomena, jets and leptonic probes. Measurements of these observables provided by the  $\sqrt{s_{NN}} = 2.76$  TeV Pb+Pb collision data collected during the Fall 2010 Pb+Pb run at the nucleon-nucleon center of mass energy of 2.76 GeV are presented.

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**Classification de Session:** Ultrarelativistic Heavy Ions