

## Spectra, flow and HBT in PbPb collisions at the LHC

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The expansion of the fireball created in Pb-Pb collisions at  $\sqrt{s} = 2.76\text{TeV}$  is modelled using the relativistic viscous hydrodynamics. The experimentally observed interferometry radii are well reproduced. The recent data of the ALICE Collaboration on the elliptic flow as function of the centrality can be very well described using the hydrodynamic expansion of a fluid with a small shear viscosity  $\eta/s = 0.08$ . The elliptic flow as function of the transverse momentum shows systematic deviations from a hydrodynamic behavior in the small momenta region  $p_{\perp} < 800\text{MeV}$ . It indicates that a non-negligible contribution of non-thermalized particles from jet fragmentation is present.

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