

The onset of hydrodynamical flow in high energy heavy ion collisions

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Real time lattice simulations of the early stages of high energy collisions in the Color Glass Condensate framework indicate a rapid isotropization of the pressure tensor. For realistic values of the saturation momentum, nearly ideal hydrodynamics provides a good description of the bulk evolution of the system after a transient regime that lasts about 1 fermi/c.

Keywords

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