



Contribution ID: 197

Type: **not specified**

Collectivity / hydrodynamics

Monday, 29 August 2016 18:30 (30 minutes)

General aspects of the application of hydrodynamics in theoretical description of heavy-ion collisions are shortly reviewed with the emphasis on the following issues: fluid variables, the form of hydrodynamic expansion, early thermalization vs. early hydrodynamization scenario, the use of the realistic equation of state, incorporation of the phase transition and pre-equilibrium flow, free streaming vs. hydrodynamic expansion, determination of the kinetic coefficients, quark-gluon plasma as a new state of matter with the properties determined by the hydrodynamic approach.

Summary

General aspects of the application of hydrodynamics in theoretical description of heavy-ion collisions are shortly reviewed.

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Session Classification: Section D

Track Classification: Section D: Deconfinement