

The Fluid Nature of the Quark-Gluon Plasma

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Experimental observations on identified particle yields, particle flows, jet “quenching”, Mach cones and transverse momentum correlations by the BRAHMS, PHENIX, PHOBOS and STAR experiments, making use of the unprecedented capabilities of RHIC, are highlighted. Their theoretical interpretation in terms of the production of a nearly perfect and highly viscous quark-gluon fluid is discussed.

References

- [1] Slides:
<http://indico.cern.ch/contributionDisplay.py?contribId=11&sessionId=2&confId=9499>