

APR07-2007-000157

Abstract for an Invited Paper
for the APR07 Meeting of
the American Physical Society

The Quark Gluon Plasma and the Perfect Fluid: Quantifying Degrees of Perfection

JAMES NAGLE, University of Colorado

The hot energy dense medium created in high energy heavy ion reactions has been described by many names, including a quark gluon plasma and a perfect fluid. In this presentation, we will give an overview of what these terms mean and what quantitatively has been learned about the relevant properties of the medium.