

SEMINARIO
Departamentos de Física Teórica I y II
Universidad Complutense de Madrid

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TITULO: Probing the QCD phase diagram with fluctuations

LUGAR: FACULTAD DE CIENCIAS FÍSICAS UCM

DÍA: 24 de abril, 2012 (Martes)

HORA: 14:30

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ABSTRACT

I discuss the net-proton probability distribution and its higher order cumulants. Using properties of the $O(4)$ scaling functions, I explore the generic structure of the cumulants and use chiral model calculations to explore their usefulness as probes of the freeze-out and critical conditions in heavy ion collisions at LHC and RHIC.