

Department of Theoretical Physics

Free Meson Seminar

- Speaker* : Bengt Petersson
(University of Bielefeld and
Humboldt University)
- Topic* : Hot QCD in an External
Magnetic Field
- Day, Date & Time* : Thursday, January 19, 2011
at 2:30 p.m.
- Place* : AG 69

Abstract

QCD at high temperatures in an external (electro)magnetic field has recently been intensively discussed because of its relevance for heavy ion collisions at RHIC and at the LHC. In this talk I will describe a theoretical investigation of two colour QCD in an external constant magnetic field using lattice simulations. I will also compare with other theoretical results on this problem.

(Nilmani Mathur)