

Quarkonia in Deconfined Matter

Monday 6 September 2010 11:00 (1 hour)

After surveying the distinguishing features of quarkonia, I discuss their behavior in a quark-gluon plasma, as given by effective field theory and potential models as well as by lattice QCD. This is then used to discuss sequential quarkonium suppression in nuclear collisions. Finally I consider the possibility of statistical formation of charmonia at hadronization, together with predictions for LHC measurements as resulting from the two scenarios.

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