Contribution ID: **26**   Type: **not specified**

Renewed look at η′ in medium

Friday, 16 November 2012 13:30 (25 minutes)

We revisit the question of whether the U_A(1) symmetry is effectively restored in hot and dense medium. In particular, by generalizing the Witten-Veneziano formula to finite temperature, we investigate whether the mass of η′-meson will change in medium due to the restoration of chiral symmetry.

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Session Classification: Parallel 4B (Chair Eun-Joo Kim)