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Curvature of the chiral critical line in the T - μ plane

Tuesday, 15 June 2010 18:00 (5 minutes)

We discuss the universal properties of the QCD chiral transition for both zero and small but non-zero chemical potential. We outline how those universal properties can be used to extract the curvature of the line of chiral transitions in the T - μ plane for small chemical potential. We present evidence of these universal properties and result for this curvature obtained using lattice simulations with improved staggered fermions.

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Talk

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Session Classification: Poster session

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