Quantum chromodynamics: string theory meets collider physics



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Flavors from time-dependent D7 embeddings

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We consider flavors in a holographic description of a boost-invariant viscous plasma by embedding D7 branes into the dual geometry. We obtain the (time-dependent) chiral quark condensate and meson spectra. To first order both agree with the adiabatic approximation, i.e. the prediction from the static AdS black hole. For very late times the supersymmetric configurations are approached.

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