High Energy Physics - Theory

Some new results for "jet" stopping in AdS/CFT

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We give a breezy, qualitative overview of some of our recent results on studying jet stopping in strongly-coupled plasmas using gauge-gravity duality. Previously, people have found that the maximum stopping distance in such plasmas scales with energy as E^{1/3}. We show that there is an important distinction between typical and maximum stopping distances. For the strongly-coupled excitations that we study, we find that the typical stopping distance scales with energy as E^{1/4}.

Comments:	Talk at Quark Matter 2011; this is an extended (8 page, 8 figure) version of what is being submitted (4 pages) to the conference proceedings
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