

## Some new results on high-energy "jet stopping" in AdS/CFT

*Friday, May 27, 2011 3:00 PM (20 minutes)*

A very basic theoretical question is: How far does a high-energy excitation travel in a quark-gluon plasma, and how does that distance scale with energy? In weak coupling, the stopping distance scales with energy as  $E^{1/2}$ , up to logarithms. In strongly-coupled plasmas with gravity duals, theorists have found that the maximum stopping distance scales instead like  $E^{1/3}$ . In the latter case, we show that there can be an important distinction between typical and maximum stopping distances. For the strongly-coupled excitations we study, we find that the typical stopping distance scales as  $E^{1/4}$ .

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**Session Classification:** Theory developments

**Track Classification:** New theoretical developments