Real-time finite temperature AdS/CFT and jet quenching

DIANA VAMAN, University of Virginia

I will introduce a simple prescription for computing real-time finite temperature n-point functions in AdS/CFT. When used to compute the stopping distance of a highly energetic jet moving through strongly coupled $N = 4$ superYang-Mills plasma, the typical jet stopping distance scales with energy as $(EL)^{1/4}$, where L is the size of the region where the jet was created.