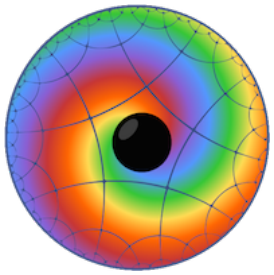

ID contributo: **24** Tipo: **non specificato**

Universal properties of cold holographic matter

martedì 14 aprile 2015 16:20 (30 minuti)

I will briefly review the Landau-Fermi liquid theory and then discuss the holographic counterpart by modeling the cold matter in terms of D-brane intersections. I will focus on determining universal properties of these systems and study them at finite temperature, charge density, and magnetic fields. In particular, I will present analytic results for the diffusion constants and the zero sound dispersions. Finally, I will explore the (2+1)-dimensional anyonic liquids.

Relatore: JOKELA, Niko

Classifica Sessioni: Parallel Session