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Holographic magneto-transport and strange metals

Wednesday, 15 April 2015 14:50 (30 minutes)

In this talk we analyze the thermo-electric transport properties of a strongly coupled, planar medium in the presence of an orthogonal magnetic field and disorder. Even though the analysis is performed within the gauge/gravity framework, we propose and argue for a possible universal relevance of the results relying on comparisons and extensions of previous hydrodynamical analyses and experimental data for strange metals.

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Session Classification: Parallel Session