



JOINT CCQC - CCTP SEMINAR

Thursday, 23 October 2014

14:00-15:00

2nd Floor Seminar Room

Simple models of holographic superconducting lattices

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Abstract

We will discuss two mechanisms of momentum relaxation in holography which preserve homogeneity in the bulk geometry. Studying the condensation of a complex scalar field on these black hole solutions we will describe superconductivity on the dual theory. We will then compute the optical conductivity of the so constructed black holes finding good matching with the field theory expectations.

