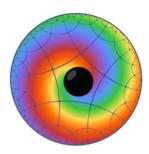
## **Gauge/Gravity Duality 2015**



Contribution ID: 46 Type: not specified

## On Holographic Insulators and Supersolids

Tuesday, 14 April 2015 16:50 (30 minutes)

We find holographic insulators and superconductors with a hard gap and a discrete spectrum, from an Einstein-Maxwell-scalar system in a fractionalized phase. The ground state of the system has a hyperscaling violating geometry in the IR. We break the translational invariance by adding massless scalar fields responsible for momentum dissipation.

Presenter: REN, Jie

Session Classification: Parallel Session