

# Workshop on Chirality, Vorticity and Magnetic Field in Heavy Ion Collisions 2018

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## Holographic Weyl semimetals

*Tuesday, 20 March 2018 12:55 (2h 5m)*

Weyl semimetals are a new exciting class of materials realizing the chiral anomaly in condensed matter physics.

I present a holographic model of a Weyl semimetal and compute the Hall conductivities from the holographic anomalies. An apparent mismatch in the symmetry factor of 1/3 in the triangle diagram is overcome by interpreting the result via the holographic RG flow.

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