

Abstract Submitted  
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**Chiral Magnetic Wave** HO-UNG YEE, University of Illinois at Chicago  
— Chiral Magnetic Wave is a new gapless collective transport of chiral charges in the presence of magnetic field, which originates from the triangle anomaly of the underlying chiral symmetry. We discuss several theoretical and phenomenological aspects of Chiral Magnetic Wave, both at weak coupling using kinetic theory and at strong coupling in the framework of AdS/CFT correspondence. We also discuss possible study of Chiral Magnetic Wave in out-of-equilibrium conditions.

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