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Search for the CME and CMW at the LHC with ALICE

Summary

The charge separations w.r.t the event plane, theorized to be generated by the novel anomalous chiral effects such as chiral magnetic effect (CME) and chiral magnetic wave (CMW), have been experimentally searched in recent years. In this talk, we review the results of searches for the CME/CMW with charge dependent two- and three-particle correlators based on unidentified and identified hadrons in various collisions at the TeV energy scale with the ALICE detector.

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