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Azimuthal Correlation of Charm at Large Hadron Collider

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We present the azimuthal correlation of charm, anti-charm pairs produced at LHC energies. We show our results for both proton on proton collision as well as lead on lead collision. An empirical model has been included to show the effect of energy loss on the correlation. Separately an effect of collective flow using blast wave model on the correlation is also shown.

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