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D0D0-bar mixing and hadronic D decays at BESIII (10' + 5')

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The BESIII detector at BEPCII collider accumulated 2.93 and 0.482 fb⁻¹ data at 3.773 and 4.009 GeV. Using the quantum correlation property of D0D0-bar production, we determine the parameters of the strong phase difference and D0D0-bar mixing. Also, we perform Dalitz plot analysis on D+ to Kspi+pi0, measurements of D0 to KsKK, D0(+) to omegapi0(+) and Ds+ to etaprime X, Ds+ to etaprime rho+.

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