



Contribution ID: 293

Type: Poster

Measurement of the relative phase between strong and EM decays at BESIII

The strong and electromagnetic interactions are two main decay mechanisms in charmonium decays. The relative phase between them is a basic parameter in understanding the decay dynamics, especially for the precise measurements. In this talk, we present the direct measurement with resonance scan method. By introducing the EM amplitude from continuum decay, the interference between EM and strong mechanism is measured in J/ψ decays to several final states.

Secondary track

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Session Classification: Poster T05

Track Classification: T05 - QCD and Hadronic Physics