Direct CP violation measurement in BaBar

Giovanni Crosetti

I.N.F.N. Genova
BaBar Collaboration

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Abstract

The direct measurements of CP violation in the Beauty system is one of the most important test of the Standard Model. If the Model predictions will not be confirmed, this study can open new perspective in our understanding of the elementary particle forces. The BaBar experiment will measure the unitary angles with enough precision to verify the model prediction. The detector, under construction at the B factory PEP–II at SLAC, will be described and the performances of each component will be reviewed.