



Contribution ID: 615

Type: Oral Presentation

Prospects for the determination of the CKM angle γ from Dalitz plot analysis of $B^{+-} \rightarrow D K^{+-} \pi^0$ decays ($10' + 5'$)

Friday, 5 August 2016 16:15 (15 minutes)

The Dalitz plot analysis technique has proven to be a powerful approach to determine the angle γ of the CKM Unitarity Triangle. In this talk, we re-examine the potential for a measurement of γ from Dalitz plot analysis of $B^\pm \rightarrow DK^\pm \pi^0$ decays in the light of recent experimental results.

Primary authors: WALLACE, Charlotte (University of Warwick (GB)); WHITEHEAD, Mark Peter (CERN); LATHAM, Thomas Edward (University of Warwick (GB)); GERSHON, Timothy (University of Warwick (GB))

Presenter: GERSHON, Timothy (University of Warwick (GB))

Session Classification: Quark and Lepton Flavor Physics

Track Classification: Quark and Lepton Flavor Physics