



Contribution ID: 75

Type: **not specified**

## Update on the measurement of the Unitarity Triangle angle $\gamma$ using $B \rightarrow D(^*)K(^*)$ decays at LHCb

*Monday 8 April 2019 15:15 (15 minutes)*

The measurement of the Unitarity Triangle angle  $\gamma$  is a cornerstone of our understanding of the CKM mechanism of quark interactions.

Due to the tiny theoretical uncertainty in self-tagging B decays to  $D(^*)K(^*)$  final states, these modes will provide a standard candle in CP-violation physics as we drive towards the ultimate precision in flavour physics. Results in the simplest final states  $B \rightarrow DK$  are well established and will be reviewed. This presentation/poster will expand on the new developments to exploit  $DKa$   $d$   $DK$  final states at LHCb.

**Presenter:** Ms ROLLINGS, Alexandra Paige (University of Oxford (GB))

**Session Classification:** Parallel stream 4