



ID de Contribution: 93

Type: **Ordinary**

Constraining CKM gamma angle at LHCb

vendredi 20 mars 2015 10:45 (15 minutes)

The current combination of all available tree-level measurements of the CKM angle γ at LHCb is reported. It includes results obtained from time independent analyses of $B^+ \rightarrow DK^+$ and of $B^0 \rightarrow DK^0$ decays; and from a time-dependent analysis of $B_s^0 \rightarrow D_s K$ decays. The results represent the world's best single-experiment determination of γ . The first observation of the $B_s \rightarrow D_s^* K$ decay and the first observation and amplitude analysis of $B^- \rightarrow D^+ K^- \pi^-$ are also reported. In addition to these tree measurements, the estimation of γ from charmless B meson decay, sensitive to loops contribution, is presented.

Auteur principal: M. VALLIER, Alexis (LAL)

Orateur: M. VALLIER, Alexis (LAL)

Classification de Session: Heavy Flavours

Classification de thématique: Experiment