

Lifetimes studies in B-Physics

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The B-Physics working group is studying various properties of B hadrons which includes lifetime measurement. The most sensitive analysis is CP violation in $B_s^0 \rightarrow J/\psi\phi$ which is closely related to the precise estimation of its lifetime. This requires understanding of the lifetime behavior of various triggers along the data taking in the simpler system such as $B^\pm \rightarrow J/\psi K^\pm$ or $B_d^0 \rightarrow J/\psi K^*$. This talk will be focused on the procedure of the lifetime estimation and the preliminary results.

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