

Abstract Submitted
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Preliminary measurement of the D_s^+ lifetime using $\sim 70 \text{ fb}^{-1}$ of data collected by the Belle II experiment. AMAN SANGAL, ALAN SCHWARTZ, University of Cincinnati, BELLE II COLLABORATION — We have measured the D_s^+ lifetime by reconstructing the final state $\phi[\rightarrow K^+K^-]\pi^+$. We have used e^+e^- collision data corresponding to an integrated luminosity of 70 fb^{-1} collected by the Belle II experiment running at the SuperKEKB accelerator. This early measurement demonstrates the performance capabilities of the Belle II detector.

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