

Abstract Submitted
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Heavy quark studies using $B^+ \rightarrow J/\psi K^{*+}$ MARK SMITH, Kansas State University — We study the properties of b hadrons using the decay $B^+ \rightarrow J/\psi K^{*+}$ where the J/ψ is reconstructed in the decay $J/\psi \rightarrow \mu^+ \mu^-$, the K^{*+} in the decay chain $K^{*+} \rightarrow K_S^0 \pi^+$ and $K_S^0 \rightarrow \pi^+ \pi^-$. We also discuss the role of K^{*+} in mixing studies with same-side tagging.

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