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Towards a BF and Form Factor Measurement in $D^0 \rightarrow K^{*-} e^+ \nu_e$ Decays HONGXUAN LIU, MILIND PUROHIT, University of South Carolina — Using data from the BaBar experiment, we study form factors in $D^0 \rightarrow K^{*-} e^+ \nu_e$ decays. These form factors, which are Lorentz-invariant functions of q^2 and decay angles, are predicted in several models. We expect to obtain high statistics in this decay mode and therefore to measure the form factors in a model-independent way. At this point we present very preliminary results based on a small subsample of available data.

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