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Towards a branching fraction and form factor measurement in $D^0 \rightarrow K^{*-} e^+ \nu_e$ decays LIU HONGXUAN, University of South Carolina, BABAR COLLABORATION — 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 , have been predicted by several models. We present preliminary results for the parameters r_2 and r_V based on roughly 389 fb^{-1} of BaBar data. The high statistics allow us to make a significant improvement over the precision of previous results.

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