Contribution ID: **131** Type: **not specified**

$B \to D^* \ell \nu$ at non-zero recoil

Friday, 27 July 2018 14:20 (20 minutes)

We present preliminary blinded results from our analysis of the form factors for $B^- \to D^* \ell \nu^-$ decay at non-zero recoil. Our analysis includes 15 MILC asqtad ensembles with Nf=2+1 flavors of sea quarks and lattice spacings ranging from a≈0.15 fm down to 0.045 fm. The valence light quarks employ the asqtad action, whereas The b and c quarks are treated using the Fermilab action. We discuss the impact that our results will have on |V_cb| and R(D*).

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Session Classification: Weak Decays and Matrix Elements

Track Classification: Weak Decays and Matrix Elements