Contribution ID: **984** Type: **Parallel Session Talk**

Semileptonic D Meson Decays from CLEO-c

Saturday 24 July 2010 09:15 (15 minutes)

Using the full CLEO-c D0D0bar, D+D-, and DsbarDs*data samples, we have made precision measurements of many D meson semileptonic branching fractions and form factors. The results for the form factors of exclusive D+ and D0 semileptonic decays to K and π mesons agree well with recent Lattice QCD calculations. Using a non-parametric technique, we measure the form factor for D+->K0*bar e ν_e decay and also the mass-suppressed form factor in D+->K0*bar μ ν_μ decay. We report new results for the Cabibbo-suppressed semileptonic decays to the vector mesons, D0->ρ- e+ ν_e, D+->ρ0 e+ ν_e, and D+->ω e+ ν_e, as well as to the scalars η and η'. We also report measurements of exclusive Ds semileptonic decays to a variety of final states. Finally, we report precision measurements of inclusive D0, D+, and Ds semileptonic decays.

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Session Classification: 05 - Heavy Quarks Properties (experiment and theory)

Track Classification: 05 - Heavy Quarks Properties (experiment and theory)