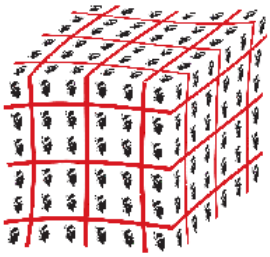

Contribution ID: **102** Type: **not specified**

$B \to D^* l\nu$ at zero recoil: an update

Tuesday, 15 June 2010 14:30 (20 minutes)

We present an update of our calculation of the form factor for $B \to D^* l\nu$ at zero recoil, with higher statistics and further, finer, lattices. As before, we use the Fermilab action for b and c quarks, the asqtad staggered action for light valence quarks, and the MILC ensembles for gluons and light quarks (L\"uscher-Weisz married to 2+1 rooted staggered sea quarks).

Please, insert your presentation type (talk, poster)

talk

Primary author: KRONFELD, Andreas S. (Fermilab)

Co-authors: Dr EL-KHADRA, Aida X. (U. Illinois (Urbana-Champaign)); Dr BAZAVOV, Alexei (U. Arizona); Prof. DETAR, Carleton (U. Utah); Mr BOUCHARD, Chrisotopher M. (U. Illinois (Urbana)); Prof. BERNARD, Claude (Washington U., St. Louis); Prof. TOUSSAINT, Douglas (U. Arizona); Dr FREELAND, Elizabeth (Washington U., St. Louis); Prof. GÁMIZ, Elvira (Fermilab); Prof. HETRICK, James (U. Pacific); Dr SIMONE, James (Fermilab); Dr LAIHO, John (U. Glasgow); Dr BAILEY, Jon A. (Fermilab); Dr LEVKOVA, Ludmila (U. Utah); Dr OKTAY, Mehmet B. (U. Utah); Dr MACKENZIE, Paul B. (Fermilab); Prof. SUGAR, Robert (U. California (Santa Barbara)); Dr VAN DE WATER, Ruth S. (Brookhaven National Lab.); Dr GOTTLIEB, Steven (U. Indiana); Prof. HELLER, Urs M. (American Physical Society)

Presenter: KRONFELD, Andreas S. (Fermilab)

Session Classification: Parallel 29: Weak decays and matrix elements

Track Classification: Weak decays and matrix elements