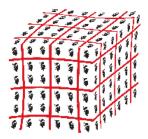
## Lattice2010



Contribution ID: 308 Type: not specified

## B-physics with dynamical domain-wall light quarks and relativistic b-quarks

Tuesday, 15 June 2010 17:00 (20 minutes)

We report on our progress in calculating the B-meson decay constants and B^0-bar B^0 mixing parameters using domain-wall light quarks and relativistic b-quarks. We present our computational method and show some preliminary results obtained on the coarser (a approx 11fm) 24^3 lattices. This work is presented for the RBC and UKQCD collaborations.

## Please, insert your presentation type (talk, poster)

talk

**Primary author:** WITZEL, Oliver (Brookhaven National Laboratory)

**Co-author:** Dr VAN DE WATER, Ruth S. (Brookhaven National Laboratory)

**Presenter:** WITZEL, Oliver (Brookhaven National Laboratory)

Session Classification: Parallel 30: Weak decays and matrix elements

Track Classification: Weak decays and matrix elements