



Contribution ID: 236

Type: **not specified**

Current Status of Improved Fermilab Fermions

Tuesday, 15 June 2010 09:10 (20 minutes)

Recently, the Fermilab heavy quark action was extended to include dimension six and seven operators in order to reduce the discretization errors. In this talk, we present results of the first numerical simulations with this action where we study the masses of the quarkonium and heavy-light systems and monitor the discretization errors.

Please, insert your presentation type (talk, poster)

talk

Primary author: OKTAY, Mehmet (The University of Utah)

Co-authors: Dr KRONFELD, Andreas (Fermilab); Prof. DETAR, Carleton (The University of Utah)

Presenter: OKTAY, Mehmet (The University of Utah)

Session Classification: Parallel 19: Standard model parameters and renormalization

Track Classification: Standard model parameters and renormalization