



Contribution ID: 292

Type: **not specified**

Extracting resonance parameters from lattice data: Part II

Tuesday, 15 June 2010 09:50 (20 minutes)

The standard method for extracting resonance parameters on the lattice is through Luscher's formula. We study the application of this formula to the 4d $O(4)$ sigma model and contrast it with the recently proposed probability distribution method.

Connections to resonances in QCD are discussed.

Please, insert your presentation type (talk, poster)

Talk

Primary author: MCMANUS, Darrán (Trinity College, Dublin, Ireland)

Co-authors: Dr PEARDON, Michael J. (Trinity College, Dublin, Ireland); Dr GIUDICE, Pietro (Trinity College, Dublin, Ireland)

Presenter: MCMANUS, Darrán (Trinity College, Dublin, Ireland)

Session Classification: Parallel 21: Hadron spectroscopy

Track Classification: Hadron spectroscopy