



Contribution ID: 296

Type: **not specified**

Extracting resonance parameters from lattice data (Part I)

Tuesday, 15 June 2010 09:30 (20 minutes)

Monte Carlo simulations of the 4d $O(4)$ model in the broken phase are performed to determine the parameters of a resonance. We discuss the applicability of a method, based on the probability distribution concept, useful in the realistic case of a large width resonance. The application to study the QCD hadron spectrum is discussed.

Please, insert your presentation type (talk, poster)

talk

Primary author: GIUDICE, Pietro (Trinity College Dublin)

Co-authors: Dr MCMANUS, Darran (Trinity College Dublin); Dr PEARDON, Michael J. (Trinity College Dublin)

Presenter: GIUDICE, Pietro (Trinity College Dublin)

Session Classification: Parallel 21: Hadron spectroscopy

Track Classification: Hadron spectroscopy