



Contribution ID: 135

Type: **Talk**

## Resonance Parameters for the rho-meson from Lattice QCD

*Tuesday, 14 July 2015 15:40 (20 minutes)*

We present a lattice calculation of the mass and width for the rho meson by determining the energy dependent phaseshift for  $\pi$ - $\pi$  scattering in isospin-1, spin-1 channel in the elastic region. We compute the energy spectrum from spatially asymmetric boxes. We use  $N_f=2$  nHYP fermions and generate two sets of ensembles with pion masses of 300MeV and 220MeV. To determine the energy spectrum we perform a variational analysis with interpolating fields including several  $q\text{-}\bar{q}$  and  $\pi$ - $\pi$  interpolating fields.

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**Session Classification:** Hadron Spectroscopy and Interactions

**Track Classification:** Hadron Spectroscopy and Interactions