



Contribution ID: 93

Type: **Parallel**

Spectroscopy of a_1 mesons from lattice QCD with the truncated overlap fermions

Sunday, 18 August 2019 14:45 (20 minutes)

We study the the ground state for a_1 meson and the next radial excitation of a_1 meson from a quenched lattice QCD simulation with the truncated overlap fermions formalism based on the domain wall fermions. Our results are consistent with the experimental values.

Primary author: Dr WAKAYAMA, Masayuki (Pukyong National University)

Co-authors: Dr NAKAMURA, Atsushi (Far Eastern Federal University); Dr WADA, Hiroaki (Kokushikan University); Dr SEKIGUCHI, Motoo (Kokushikan University); Dr MURAKAMI, Yuko (Seikow Chemical Engineering & Machinery, LTD)

Presenter: Dr WAKAYAMA, Masayuki (Pukyong National University)

Session Classification: Session 1: Meson spectroscopy

Track Classification: Session 1: Meson spectroscopy