

ICHEP2012



Contribution ID: 480

Type: **Parallel Sessions**

Lattice hadron spectroscopy with the stochastic LapH algorithm

Saturday, July 7, 2012 9:15 AM (15 minutes)

We present some preliminary results for single-particle and multi-particle states obtained on anisotropic, dynamical 2+1 lattices (24^3) generated by the Hadron Spectrum Collaboration. We use the Stochastic LapH algorithm to generate the all-to-all quark propagators.

Primary author: Prof. JUGE, Keisuke (University of the Pacific (US))

Co-authors: Mr FAHY, Brendan (Carnegie Mellon University); Dr WONG, Chik-Him (U.C. San Diego); MORN-INGSTAR, Colin (Carnegie Mellon University); Mr LENKNER, David (Carnegie Mellon University); Mr YOU--CYUAN, Jhang (Carnegie Mellon University); BULAVA, John Merritt (CERN); FOLEY, Justin (University of Utah)

Presenter: Prof. JUGE, Keisuke (University of the Pacific (US))

Session Classification: Room 220 Lattice QCD / B-Physics / CP Violation, etc -TR5&7&10

Track Classification: Track 10. Lattice QCD