



Contribution ID: 430

Type: Oral presentation

The excited and exotic heavy-light meson spectrum

Wednesday 28 July 2021 07:45 (15 minutes)

Preliminary results for the spectra of excited and exotic B , B_s and B_c mesons are presented. The calculation on a dynamical anisotropic lattice employs distillation, enabling a large basis of interpolating operators including those proportional to the gluonic field strength which are relevant for hybrid states. A comparison with a similar calculation of D and D_s mesons is made.

Primary author: RYAN, Sinead (Trinity College Dublin)

Co-authors: WILSON, David (University of Cambridge); GAYER, Luke

Presenter: RYAN, Sinead (Trinity College Dublin)

Session Classification: Hadron Spectroscopy and Interactions

Track Classification: Hadron Spectroscopy and Interactions