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CLAS results on meson spectroscopy

Thursday, 29 May 2014 13:00 (0:30)

Collaboration

CLAS

Abstract content

The study of the structure and properties of mesons in an important part in understanding QCD. Searching for states described by the Quark Model and more complex states such as hybrids or glue balls is needed to understand the confinement of quarks and the behavior of gluons. CEBAF Large Acceptance Spectrometer (CLAS) at Jefferson Lab (JLab) offers a unique set of opportunities in meson spectroscopy using photo and electro production. This talk will give an update on the experimental results as well as describe the latest theoretical developments from JPAC (JLab Physics Analysis Center) to help understand how the data can provide insights into the fundamental theory of strong interactions.

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