



Contribution ID: 127

Type: **not specified**

Influence of quark-gluon vertex corrections on the spectrum of Hadrons

Friday 12 September 2014 14:20 (20 minutes)

We present a calculation of the Hadron spectrum in the Dyson-Schwinger/Bethe-Salpeter approach to continuum QCD. A sophisticated truncation featuring all covariant structures of the quark-gluon vertex, with its inherent flavour dependence, is employed in a framework that preserves the dynamics of chiral symmetry breaking. The study is suggestive as to the relevance of additional resonant and non-resonant two- and three-body contributions.

Primary author: Dr WILLIAMS, Richard (University of Giessen)

Co-author: Dr SANCHIS-ALEPUZ, Helios (University of Giessen)

Presenter: Dr WILLIAMS, Richard (University of Giessen)

Session Classification: Parallel II: B9 Light Quarks

Track Classification: Section B: Light Quarks