

Contribution ID: 40

Type: Poster Presentation

## Heavy baryon spectroscopy in a quark-diquark approach

We report progress on calculations of the heavy-light baryons  $\Sigma_c$  and  $\Lambda_c$  and their excitations with  $J^P = 1/2^+$  and  $3/2^+$  using functional methods. The three-quark Faddeev equations are reduced to two-body equations by employing a covariant quark-diquark approach. The interaction amounts to a quark exchange between quarks and effective diquarks, and the ingredients are determined via a rainbow-ladder truncation. A partial-wave analysis reveals the presence of orbital angular momentum components in terms of p waves, which are non-relativistically suppressed. A diquark contribution analysis reveals the distribution of scalar and axialvector diquarks, of equal and unequal flavors, in the heavy-light baryon spectrum.

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Session Classification: Poster Session