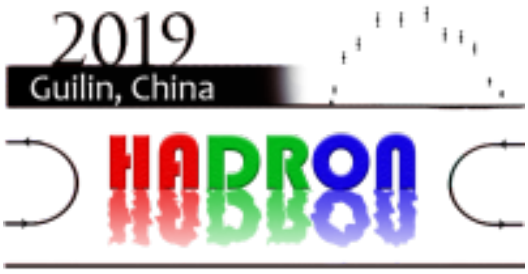

Contribution ID: **180** Type: **Parallel**

Estimation of the low-lying tetraquark mass spectrum

Tuesday, 20 August 2019 15:25 (20 minutes)

The mass of tetraquark states of all $q^2\bar{q}^2$ and $q\bar{q}c\bar{c}$ quark configurations is evaluated in a constituent quark model, where the Cornell potential is employed and all model parameters are predetermined by comparing the theoretical and experimental masses of light, charmed and bottom mesons.
The theoretical predictions of the charmed tetraquarks are compared with the observed XYZ particles.

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