



Contribution ID: 13

Type: **Theory**

Exotic hadron spectroscopy with functional methods

Friday 24 February 2023 11:10 (25 minutes)

I will discuss progress on exotic hadron spectroscopy with functional methods such as Dyson-Schwinger and Bethe-Salpeter equations. Based on meson and baryon calculations, there have been advances in studying tetraquarks in the light- and heavy-quark sector and their mixing with q - \bar{q} states, glueballs in Yang-Mills theory, and first exploratory calculations for pentaquarks and hybrid mesons are underway. This goes hand in hand with more precise determinations of QCD's n -point correlation functions that enter in such calculations.

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