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Hadron phenomenology in the Dyson-Schwinger approach

Wednesday, 5 September 2012 09:15 (45 minutes)

I discuss recent progress for hadron properties that are obtained from solving Dyson-Schwinger, Bethe-Salpeter and Faddeev equations. The topics that will be addressed include: results for the nucleon's electromagnetic and axial form factors, for the nucleon-delta electromagnetic and pseudoscalar transition form factors, and a tetraquark interpretation of the lowest-lying scalar meson. A systematic description of nucleon Compton scattering, pion electroproduction and nucleon-pion scattering will be outlined.

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Session Classification: Talks