

Meson Spectroscopy with Electron Scattering

Tuesday 9 December 2025 14:30 (30 minutes)

Experiments at CLAS12 and the Electron Ion Collider facilitate production of meson resonances dominantly through low Q^2 virtual photoproduction (or quasi-real photoproduction). This provides an effectively elliptically polarised photon beam which provides stringent constraints on the underlying partial wave amplitudes. We will consider the prospects for analysing exotic mesons at the EIC with such a process. We will review the tools available for such studies and discuss what is required to develop a rigorous spectroscopy programme at the EIC.

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