

# Meson spectroscopy with CLAS12

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The MesonEx experiment seeks to take advantage of the high luminosity electron scattering reactions and large acceptance CLAS12 detector in Hall B of Jefferson Lab. Inclusion of the small angle electron detector allows the tagging of low  $Q^2$  quasi-real meson photoproduction. The high resolution detector systems allow reconstruction of events with missing particles, allowing reactions with recoiling neutrons to be analysed. The energy range accessible with the 11 GeV electron beam allows the study of mesonic states with masses from around 1.3 to 2.5 GeV, where there are many states of interest in the light quark sector. Here we review the methodology and tools and present some preliminary results to a subset of the dataset.

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