

## Meson and Nucleon Form Factors

*Monday, 9 December 2024 16:25 (20 minutes)*

Meson and Nucleon Form Factors are fundamental hadron structure observables which give much information on QCD's transition from strong to perturbative scales as the probing interaction becomes increasingly hard. The interest in charged pion and kaon form factors is due to their relatively simple  $q\bar{q}$  valence structure and their status as Goldstone bosons of QCD. The measurement of the proton's electric to magnetic form factor ratio via the polarization transfer technique remains the most highly cited of all publications resulting from JLab research. Projections of what may be possible using existing and upgraded detectors, and with electron beams of energy up to 22 GeV will be presented.

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