Abstract for an Invited Paper for the DNP08 Meeting of The American Physical Society

Overview of nucleon form factor measurements MARK JONES, Jefferson Lab

The promise of high current and high polarization electron beams has been realized in the precision measurements of space-like proton and neutron magnetic and electric form factors. Experiments have utilized various combinations of polarized targets, recoil polarimetry and large acceptance detectors to measure the form factors. Experimentally, the strange content of the nucleon form factor has been probed by measuring beam asymmetries in parity violating electron scattering. New measurements of the proton form factor in the time-like region have been done. All this new data has had a tremendous impact on our understanding of nucleon structure. An overview of present status of nucleon form factor measurements will be presented.