

Notre Dame **Science**
Department of Physics

FIELD THEORY CALCULATION OF ELECTRIC DIPOLE MOMENTS OF BOUND SYSTEMS

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4:00 P.M. NSH 415

Large enhancement factors make the electric dipole moments of heavy atoms much larger than that of the constituent electrons. These calculations are described and put in a field theoretic context.

Possible extensions of the method to the neutron and its constituent quarks will be discussed.

Particle
Physics
Seminar

All interested
persons are
cordially
invited to
attend.