

Abstract Submitted  
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**Generalized Parton Distributions from Nucleon Form Factors and Applications** PETER KROLL, University of Wuppertal — The extraction of the zero-skewness generalized parton distributions (GPDs) for valence quarks from data on the nucleon form factors will be reviewed. Results for the GPDs, their moments and quark orbital angular momenta as well as for the quark densities in the impact parameter plane will be presented. Applications of the zero-skewness GPDs to wide-angle Compton scattering and to polarization effects in exclusive meson electroproduction will also be discussed. Finally, implications of the recent JLab measurements of the electric and magnetic form factors of the neutron on the GPDs will be mentioned.

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