

## Measurements of baryon form factors at BESIII

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The momentum transfer dependence of the electromagnetic form factors is an important probe of the structure of hadrons at different scales. Using data samples collected with the BESIII detector at the BEPCII collider, we study the process of  $e^+e^- \rightarrow p \bar{p}$  at 12 center-of-mass energies from 2232.4 to 3671.0 MeV. The Born cross section at these energy points are measured as well as the corresponding effective electromagnetic form factors. Furthermore, the ratio of electric to magnetic form factors,  $|G_{\{E\}}|=|G_{\{M\}}|$  and  $|G_{\{M\}}|$  are measured at the center-of-mass energies where the data samples are the largest. We also report preliminary results of  $e^+e^- \rightarrow \Lambda \bar{\Lambda}$ , which is analysed with the same method. Moreover, future prospects of the measurement of baryon electromagnetic form factors from a unique high luminosity data scan by BESIII, will be given.

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