Contribution ID: **195** Type: **Oral**

Recent results of Baryon electromagnetic form factors at BESIII

Tuesday, 23 September 2025 08:30 (20 minutes)

At BESIII, the electromagnetic form factors (EMFFs) and the pair production cross sections of various baryons have been studied. The proton EMFF ratio |GE/GM| is determined precisely and line-shape of |GE| is obtained for the first time. The recent results of neutron EMFFs at BESIII show great improvement comparing with previous experiments. Cross sections of various baryon pairs (Lambda, Sigma, Xi, Lambdac) are studied from their thresholds. Anomalous enhancement behavior on the Lambda and Lambdac pair are observed. The relative phase of EMFFs for Lambda and Sigma+ are measured for the first time.

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Session Classification: 3-dimensional structure of nucleon: GPD and FF

Track Classification: Three-dimensional structure of the nucleon: generalized parton distributions and form factors