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Hyperon Time-like Form Factors at BESIII

The never ending story of baryon time-like form factors continues and renew itself, fed by the powerful process of synergic and mutually reinforcing actions of experiments and theory.
Hyperons, with their self analyzing weak decays give the unique possibility to investigate the complex nature of form factors and mainly to test concepts based on first principles, which can be exploited to study dynamical mechanisms considered unknowable until recently.
BESIII analysis, with their accuracy, offer the opportunity of enhancing knowledge and understanding of the mechanisms underlying the electromagnetic interaction of hyperons.
I will review recent discoveries, highlighting new developments and improvements to existing knowledge—improvements that, in some cases, have actually rethought previously well-established concepts.

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