Standard Model at the LHC 2021

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Triboson Measurements in CMS

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We present recent measurements of triboson processes from the CMS experiment at the LHC. Studies of the rare production of three vector bosons constitute a stringent test of the electroweak sector of the Standard Model, and can be used to probe new physics beyond the energy reach of the LHC. We present the first observation of three massive vector bosons and a search for the production of a W or Z boson in association with two photons.

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