



Contribution ID: 56

Type: **not specified**

## Anomalous coupling studies with intact protons at the LHC

*Wednesday, 28 September 2022 09:35 (20 minutes)*

We describe the gain on sensitivities to quartic  $\kappa_{\gamma\gamma\gamma\gamma}$ ,  $\kappa_{\gamma\gamma\gamma Z}$  and  $\kappa_{\gamma\gamma\gamma W}$  anomalous couplings and to the search for Axion-Like Particles by two or three orders of magnitude with respect to standard methods at the LHC by tagging intact protons in the final state, and matching the information from the intact protons and the  $\gamma\gamma$ ,  $\gamma Z$ ,  $\gamma W$  in the main CMS and ATLAS detectors. We will also describe the sensitivity to  $\kappa_{\gamma\gamma\gamma\gamma}^-$  that was recently accepted for publication.

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**Session Classification:** Photon-photon physics and hard diffraction

**Track Classification:** Photon-photon physics and hard diffraction