

Probing New Physics in UPCs: Recent results and prospects

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Over the last years, several authors have demonstrated that the study of exclusive processes in hadronic collisions provides new possibilities for the investigation of the Quantum Electrodynamics and Quantum Chromodynamics at high energies, as well as to searching for Beyond the Standard Model (BSM) Physics. In this talk, I will review the recent predictions for the production of new particles (e.g. axionlike, dark photons, charged Higgs, ...) in ultra - peripheral collisions (UPCs) and the constraints derived from current data. Finally, prospects for the next LHC runs will be discussed.

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