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## Recent results and prospects on ultra-peripheral heavy-ion collisions at LHCb

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At the LHC, in ultra-peripheral heavy-ion collisions the highly boosted electromagnetic field of the beam particles represents a source of quasi-real photon. Vector meson photo-production measurements in Pb-Pb collisions are sensitive to the gluon parton distribution functions in the nucleus. LHCb results on charmonium production in ultra-peripheral Pb-Pb collisions as well as the prospects for future analyses will be presented.

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