

UPC 2023: International workshop on the physics of Ultra Peripheral Collisions

Contribution ID: 3

Type: **not specified**

Photon photon physics at the LHC

Tuesday 12 December 2023 16:00 (30 minutes)

We will discuss photon photon physics at the LHC when protons are intact in the final state and can be detected in PPS (CMS) or AFP (ATLAS). We will review the sensitivities to quartic anomalous couplings and the search for axion-like particles in pp collisions. In addition, we will present the complementary gamma gamma physics at lower masses in heavy ion collisions.

Primary author: ROYON, Christophe (The University of Kansas (US))

Presenter: ROYON, Christophe (The University of Kansas (US))

Session Classification: Two-photon interactions

Track Classification: Session 2: Two-photon physics