

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

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UPC physics with ALICE in Run 3

Friday 15 December 2023 18:00 (15 minutes)

The ALICE experiment has undergone a major detector upgrade for Run 3, expanding its detection capabilities for a wide variety of studies. The new continuous readout, “trigger-less mode”, will significantly enhance the physics potential for ultra-peripheral collision analyses. In this talk, we will discuss some of the physics analyses that can be carried out in ultra-peripheral collisions using the Run 3 data, and will present some of the first physics performance plots in both proton-proton and heavy-ion collisions.

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Session Classification: Future RHIC and experiments, and the EIC

Track Classification: Session 1: Vector meson photoproduction