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Type: **Parallel Talk**

## Charmonium production in ultra-peripheral heavy-ion collisions at LHCb

*Monday, May 14, 2018 5:30 PM (20 minutes)*

At the LHC, in ultra-peripheral heavy-ion collisions the highly boosted electromagnetic field of the Pb ions represents a source of quasi-real photon. Vector meson photo-production measurements in p-Pb (Pb-Pb) collisions are sensitive to the gluon parton distribution functions in the proton (nucleus). LHCb results on charmonium production in ultra-peripheral p-Pb and Pb-Pb collisions will be presented.

### Content type

Experiment

### Collaboration

LHCb

### Centralised submission by Collaboration

Presenter name will be specified later

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**Session Classification:** Initial state physics and approach to equilibrium

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