

XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 669

Type: **Contributed Talk**

ATLAS results on charmonium production

Tuesday, 13 April 2021 10:19 (18 minutes)

Recent results from the ATLAS experiment on charmonium production will be presented. The measurement of the associated production of the J/ψ meson and a photon, including an estimation of the transverse-momentum-dependent distribution function of linearly polarized gluons in an unpolarized proton, will be discussed. The measurement of J/ψ and $\psi(2S)$ differential cross sections at large and medium transverse momentum values will be also reported.

Primary authors: ATLAS COLLABORATION; KARTVELISHVILI, Vato (Lancaster University, UK)

Presenter: KARTVELISHVILI, Vato (Lancaster University, UK)

Session Classification: QCD with Heavy Flavors and Hadronic Final States

Track Classification: QCD with Heavy Flavors and Hadronic Final States