

# Dimuon physics at LHC energies with the ALICE experiment: investigation of possible discrimination of prompt and displaced J/psi

*jeudi 20 novembre 2014 11:45 (30 minutes)*

In this talk, I present a specific aspect of the dimuon physics in ALICE after 2019, and especially the discrimination of prompt and displaced J/psi. In the first step, I set the scene with the theoretical framework. Then, I present the general experimental context for this study, and finally the analysis strategy considered for this study and the first results.

**Auteur principal:** TEYSSIER, Boris (IPNL / UCBL / CNRS)

**Orateur:** TEYSSIER, Boris (IPNL / UCBL / CNRS)

**Classification de Session:** Plasma de quarks et de gluons et structure interne des nucléons

**Classification de thématique:** Plasma de quarks et de gluons et structure interne des nucléons