

# SEMPARIS – Séminaires en région parisienne

<http://string.lpthe.jussieu.fr/semparis/>

## Particle Physics at LPTHE

**Vendredi 8 Mars 2024, 14 :00**

LPTHE, library

Domaines : hep-ph

Titre : *Theory input for the measurement of  $W+c$  production at the LHC*

Orateur : **Mathieu Pellen ( Freiburg U. )**

Résumé : *The production of  $W+c$  at the LHC features very interesting physics but also poses several problems. With the current experimental precision, precise theoretical predictions are therefore crucial to fully explore the physics content of the process. In this presentation, I will present state-of-the-art theoretical predictions and discuss theoretical aspects relevant for the precise measurement of the process.*

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