

## Problems, pitfalls and remedies of gluon TMD measurements

*Wednesday 24 March 2021 11:40 (15 minutes)*

Based on generator-level simulations, a number of potential problems and pitfalls of the measurement of gluon TMD in the  $j\psi + \gamma$  final state will be presented, and remedies suggested.

**Author:** HAGAN, David (Lancaster University (GB))

**Presenter:** HAGAN, David (Lancaster University (GB))

**Session Classification:** Day 3 (mostly Spin/TMDs)

**Track Classification:** Reactions with polarisation & tools for TMD functions, spin asymmetries,...