



Contribution ID: 508

Type: Poster

## J/psi in jets in pp collisions at 5.02 TeV with the CMS experiment

*Tuesday, 15 May 2018 19:35 (5 minutes)*

The extent to which J/psi mesons are accompanied by other particles within the same jet provides information about how the J/psi is formed, which is still not completely understood. The details of J/psi production may have important consequences for their interaction with the quark-gluon plasma. We present a study of jets containing a J/psi in pp collisions at 5 TeV with the CMS experiment. The fraction of the jets momentum carried by the J/psi is compared to models.

### Content type

Experiment

### Collaboration

CMS

### Centralised submission by Collaboration

Presenter name already specified

**Primary author:** CMS

**Presenter:** DIAB, Batoul (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Poster Session

**Track Classification:** Quarkonia