Contribution ID: **2**   Type: **not specified**

A study of the non-perturbative structure of TMDs

Monday 7 November 2016 14:40 (30 minutes)

The non-perturbative partof the TMDs has been the object of many phenomenologucal studies.
We consider here a renormalon analysis of TMDs which provides the leading corrections to the perturbative
estimations of TMDs. We can identify two sources of renormalons which should be taken into account sepa-
rately.
We also show that theTMDs have a non-trivial dependence on Bjorken variables. All these information can
be used to provide consistent models/ansätze for TMD phenomenology.

Author: SCIMEMI, Ignazio (Universidad Complutense Madrid)

Presenter: SCIMEMI, Ignazio (Universidad Complutense Madrid)

Session Classification: Higgs/DY/QQbar production

Track Classification: Plenary