

PB TMD meeting

- Welcome back after summer break !
- Hoping that you are all ok !

Next workshops

- [REF 2020](#): scheduled for 7-11 Dec 2020, Higgs center Edinburgh

- The deadline is **October 20th**.

Given the online format and time zone considerations, we are planning a somewhat shorter programme of talks, along with topical discussion sessions led by expert panels.

- **Contributions from our side:**

- TMDfits (Sara)
 - 4flavor TMDs
 - photon TMDs
- multijet merging (Armando)
- intrinsic kt and DY at low mass (Mikel)
- Bjets (Luis Ignacio)
- TMDlib – TMDplotter (???)
- what else ?

TMDlib 2.0

- TMDlib
 - Pavia TMD grids uploaded to server, code for reading still missing
 - TMDlib reads sets from file structure:
 - TMDsets unchanged
 - file structure and arrangement changed

Old

```
~/jung/cvs/TMDlib/share/tmdlib> ls
BHKS
CCFM
EKMP
EPPS16nlo_CT14nlo_Pb208
KS
PB-L0-2018
~/jung/cvs/TMDlib/share/tmdlib> █
```

```
PB-NLO-2018
PB-NLO_208_82
SBRS
gluon_D_c_ncteq1568CL_Pb_Nrep1000_hes
nCTEQ15FullNuc_208_82
```

New

```
~/jung/cvs/TMDlib/TMDlib2/local/share/tmdlib> ls
BHKS
Blueml
EKMP
GBWcharm
GBWlight
KS-2013-linear
KS-2013-non-linear
KS-hardscale-linear
KS-hardscale-non-linear
PB-EPPS16nlo_CT14nlo_Pb208-set1
PB-EPPS16nlo_CT14nlo_Pb208-set2
PB-NLO-HERAI+II-2018-set1
PB-NLO-HERAI+II-2018-set1-q0
PB-NLO-HERAI+II-2018-set2
PB-NLO-HERAI+II-2018-set2-q0
PB-NLO_ptoPb208-set1
PB-NLO_ptoPb208-set2
~/jung/cvs/TMDlib/TMDlib2/local/share/tmdlib> █
```

```
PB-nCTEQ15FullNuc_208_82-set1
PB-nCTEQ15FullNuc_208_82-set2
SBRS-2013-TMDPDFs
SBRS-2013-TMDPDFs-par
Template.info
ccfm-JH-2013-set1
ccfm-JH-2013-set2
ccfm-JH-set1
ccfm-JH-set2
ccfm-JH-set3
ccfm-JS-2001
ccfm-setA0
ccfm-setA1
ccfm-setB0
ccfm-setB1
tmdpdfsets.index
```

Discussion on TMDlib

- next PB discussion meeting
 - discussion with Pavia, Madrid, Regensburg groups
 - provide TMDsets
 - be ready for REF 2020

Agenda

PB TMD discussion

Thursday, 15 October 2020 from **15:30** to **17:30** (Europe/Berlin)

Manage ▾

Description Join Zoom Meeting

<https://cern.zoom.us/j/97149635135>

Meeting ID: 971 4963 5135

Thursday, 15 October 2020

15:30 - 15:50

Intro 20'



15:50 - 16:10

Photon TMD 20'



Speaker: Dr. Sara Taheri Monfared (DESY)