

PB TMD meeting

- Hoping that you are all ok !

Next workshops

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

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
PB-NLO-2018
PB-NLO_208_82
SBRS
gluon_D_c_ncteq1568CL_Pb_Nrep1000_hes
nCTEQ15FullNuc_208_82
~/jung/cvs/TMDlib/share/tmdlib> █
```

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
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
~/jung/cvs/TMDlib/TMDlib2/local/share/tmdlib> █
```

Discussion on TMDlib

- discussion with Pavia, Madrid, Regensburg groups
 - provide TMDsets
 - provide code to extract TMD
 - be ready for REF 2020

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Agenda

PB TMD discussion



Thursday 29 Oct 2020, 15:30 → 17:30 Europe/Berlin

Description Join Zoom Meeting

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

passwd: 2020

Meeting ID: 971 4963 5135

15:30 → 15:35 **Intro**

🕒 5m



15:35 → 15:55 **Sudakov effects in central-forward dijet production in high energy factorization**

🕒 20m



Speaker: Krzysztof Kutak

15:55 → 16:35 **Discussion on implementation of new TMD sets into TMDlib2**

🕒 40m

