

# PHEP2017: QCD for future colliders

Tuesday, October 10, 2017 - Thursday, October 12, 2017

IHEP

## Scientific Program

10月日Chair: Bin Gong

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13:30-14:00

Prof. RACHID, Benbrik (Cadi Ayyad University, FPS, Safi)

“Triple Higgs coupling effect on  $h \rightarrow b\bar{b}$  and  $h \rightarrow \tau + \tau$  in the 2HDM”

14:10-14:40

Prof. Yanqing Ma (PKU)

Solving the problem of multi-loop master integral calculation

14:50-15:20

Coffee Break

15:20-16:20

Free Discussion

10月日11月

Chair: Qi-Shu Yan, Hao Zhang

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9:00-9:30

Xing Wang (PKU)

Resummation and Scale Study for boosted top pair

9:40-10:10

Xiaofeng Xu (PKU)

The NNLO soft function for top-quark pair production

10:20-10:50

Coffee Break

10:50-11:20

Chenyu Wang (PKU)

TBA

11:30-12:00

Wen Chen (IHEP)

Relativistic corrections to exclusive  $\chi_{cJ} + \gamma$  production from  $e^+e^-$  annihilation

12:10-13:30

Lunch Box

13:30-14:00

Jianxiong Wang (IHEP)

TBA

14:10-14:40

Prof. Xiaohui Liu (Beijing Normal U.)

"Single inclusive jet production at the LHC"

14:50-15:20

Coffee Break

15:20-16:20

Free Discussion

10<span style="font-family:pingfang sc">月</span>12<span style="font-family:pingfang sc">日</span> Chair: Hua-Xing Zhu

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9:00-9:30

Dr. SHTABOVENKO, Vladyslav (Zhejiang U.)

TBA

9:40-10:10

Tongzhi Yang (Zhejiang U.)

TBA

10:20-10:50

Coffee Break

10:50-12:00

Discussion on QCD section in CEPC CDR

12:10-13:30

Lunch Box