

# TDLee Institute and Center for High Energy Physics Joint Workshop on Parton Distributions in Modern Era

Friday, 14 July 2017 - Sunday, 16 July 2017

West Building of School of Physics, Peking University

## Scientific Programme

TD Lee Institute, Shanghai and Center for High Energy Physics, Beijing

Joint Workshop Parton Distributions in Modern Era

Center for High Energy Physics, Peking University

July 14-16, 2017

#### Agenda

All events are held at the Center for High Energy Physics

Room B105, West Building of School of Physics

Peking University

July 14, Friday

Morning: Registration and free discussions

12:00pm-2:00pm, Lunch Break

Afternoon Session, Chair: Yanqing Ma

2:00pm-2:30pm, Yoshikazu Hagiwara, Accessing the gluon Wigner distribution in ultraperipheral pA collisions

2:40pm-3:20pm, Xu Feng, Rare Kaon decays from Lattice QCD

3:30pm-4:00pm, break

4:00pm-4:40pm, Zhengyu Zhang, The current states and some future plans at GlueX

4:40pm-5:20pm Jian Zhou, Color entanglement effect in collinear twist-3 factorization

6:00pm-8:00pm Dinner

July 15, Saturday,

Morning Session: Chair, Feng Yuan

09:00am-09:40am, Jianhui Zhang, Quasi-PDFs: an overview

09:50am-10:30am, Keh-Fei Liu, Lattice Calculation of the Hadronic Tensor and Gluon Spin

10:30am-11:00am, Break

11:00am-11:40am, Jianping Chen, Parton Distributions from DIS (JLab/EIC)

12:00pm-12:30pm, Open discussion of parameter space of EICC

12:30pm-2:00pm, Lunch Break

Afternoon Session: Chair, Jianping Ma

2:00pm-2:40pm, Jianwei Qiu, Hadron Structure from Lattice QCD

2:50pm-3:30pm, Jen-Chieh Peng, Lepton angular distributions in Drell-Yan and Z-boson production

3:30pm-4:00pm, Break

4:00pm-4:40pm, Yoshitaka Hatta, Study Nucleon Tomography at the EIC

4:50pm-5:30pm, Hsing-Nan Li, New contribution to SSA

6:00pm-8:00pm, Dinner

July 16, Sunday,

Morning Session, Chair: Xu Feng

09:00am-09:30am, Xiangdong Ji, Renormalization in large momentum effective theory

09:40am-10:20am, Yanqing Ma, Renormalization of Quasi-PDFs

10:30am-11:00am, Break

11:00am-11:30am, Huey-Wen Lin, PDFs from Lattice QCD

11:40am-12:20am, Yu Jia, Quasi PDFs in two-dimensional QCD

in large N limit

12:20pm-02:00pm, Lunch Break

2:00pm-4:00pm, Free Discussions

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