

Session Program

7-9 Dec 2021

LaMET 2021 Online

Session I

Zoom

Tuesday 7 December

08:30

Session I

Session | **Location:** Zoom | **Convener:** Martha Constantinou

08:30–08:55

Lattice QCD Determination of the Bjorken- x Dependence of PDFs at Next-to-next-to-leading Order

Speaker

Yong Zhao

08:55–09:15

Valence parton distribution of pion from lattice QCD at physical point

Speaker

Xiang Gao

09:15–09:35

Review on Linear Divergence

Speaker

Yushan Su

09:35–09:55

Topics in LaMET

Speaker

Jiunn-Wei Chen

09:55

Wednesday 8 December

08:30

Session I

Session | Location: Zoom | Convener: Huey-Wen Lin

08:30-08:55

Pion and kaon distribution amplitudes and SU(3) flavor breaking effect from lattice QCD

Speaker

Jinchen He

08:55-09:15

Distribution amplitudes of K^* and ϕ from lattice QCD with large momentum effective theory

Speaker

Jun Hua

09:15-09:40

The transversity parton distribution function of the nucleon using the pseudo-distribution approach

Speaker

Nikhil Karthik

09:40-10:05

Updated Result on Nucleon Transversity Parton Distribution Function from Lattice QCD

Speaker

Fei Yao

10:05

Thursday 9 December

08:30

Session I

Session | **Location:** Zoom | **Convener:** Yi-Bo Yang

08:30-08:55

Light-Front Wave Functions From LaMET

Speaker

Yizhuang Liu

08:55-09:15

Collins-Soper kernel from transverse momentum-dependent wave functions in LaMET

Speaker

Min-Huan Chu

09:15-09:40

Lattice QCD calculation of the Collins-Soper kernel from quasi TMDPDFs

Speaker

Michael Wagman

09:40-10:05

Renormalize quasi TMD-PDF on lattice

Speaker

Kuan Zhang

10:05