

Session Program

6-8 Apr 2018

Lattice PDF Workshop, 6-8 April 2018

Lattice developments

College Park Marriott Hotel and Conference Center, room: 0101

College Park Marriott Hotel and Conference Center, <https://www.marriott.com/hotels/travel/wasum-college-park-marriott-hotel-and-conference-center/>

Friday 6 April

09:00

Lattice developments

Session |

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Convener: Karl Jansen

09:00–09:40

Improving PDF Fits with Lattice-QCD Calculations

Speaker

Huey- Wen Lin

09:40–10:20

Reconstruction of light-cone parton distribution functions from lattice QCD simulations at the physical point

Speaker

Krzysztof Cichy

10:20

10:50

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Convener: William Detmold

10:50–11:20

Lattice Calculation on Quasi-PDF at the physical pion mass

Speaker

Yu-Sheng Liu

11:20–12:00

Higher moments of parton distribution functions from lattice QCD

Speaker

Zohreh Davoudi

12:00–12:30

Pion light-cone distribution amplitude from lattice QCD with valence heavy quark

Speaker

David Lin

12:30

14:00

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Convener: Taku Izubuchi

14:00–14:40

Understanding the structure of the proton through large-scale simulations

Speaker

Constantia Alexandrou

14:40–15:20

Pion Distribution Amplitudes from Euclidean Correlation Functions

	Speaker Prof. Gunnar Bali
	15:20–16:00 Q-PDF with non-perturbative renormalization
16:00	Speaker yibo yang
16:30	Lattice developments Session Location: College Park Marriott Hotel and Conference Center, room: 0101, College Park Marriott Hotel and Conference Center, https://www.marriott.com/hotels/travel/wasum-college-park-marriott-hotel-and-conference-center/ Convener: Peter Petreczky
	16:30–17:10 Putative finite volume effects for spatially-nonlocal operators
	Speaker Christopher Monahan
	17:10–17:50 Auxiliary field approach for nonperturbative renormalization
17:50	Speaker Jeremy Green