

Session Program

20-22 May 2024



Loopfest XXII

Session 3

Dallas Texas USA, Fondren Science Building 123
3215 Daniel Avenue Fondren Science Building Southern Methodist University Dallas, TX 75275-0175

Monday 20 May

09:00

Session 3

Session |

Location: Dallas Texas USA, Fondren Science Building 123, 3215 Daniel Avenue Fondren Science Building Southern Methodist University Dallas, TX 75275-0175 |

Conveners: Ciaran Williams, Radja Boughezal

09:00-09:30

Approximate N3LO PDFs with theoretical uncertainties - MSHT20aN3LO Review

Speaker

Thomas Cridge

09:35-10:05

Progress in the CTEQ-TEA global QCD analysis

Speaker

Marco Guzzi

10:10-10:40

Perturbative calculations for first-principle parton distribution functions

Speaker

Tobias Neumann

10:45-11:15

Coffee break

11:15-11:45

The NNLO soft function for N-jettiness in hadronic collisions

Speaker

Rudi Rahn

11:50-12:20

Improving α_s extractions from collider data

Speaker

Xiaoyuan Zhang

12:25-12:55

Definitions of fragmentation functions and the implications for sum rules

Speaker

Ted Rogers

12:55