

Session Program

20-22 May 2024



Loopfest XXII

Session 5

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

Tuesday 21 May

09:00

Session 5

Session |

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

Conveners: Marius Wieseemann, Marco Guzzi

09:00–09:30

Physics Potential of a TeV-Scale Muon-Ion Collider

Speaker

Darin Acosta

09:35–10:05

AI developments at the LHC

Speaker

Allison Mccarn Deiana

10:10–10:40

Panel discussion: Theory needs of experiments at the HL-LHC and future colliders

Speakers

Darin Acosta, Allison Mccarn Deiana, Joey Huston

10:45–11:15

Coffee break

11:15–11:45

Recent Progress in PanScales Parton Showers with higher logarithmic accuracy

Speaker

Silvia Ferrario Ravasio

11:50–12:20

Recent developments in the GENEVA event generator

Speaker

Matthew Lim

12:25–12:55

Towards Precision Calculations on Modern Computers

Speaker

Joshua Isaacson

13:00