

Session Program

20-22 May 2024



Loopfest XXII

Session 1

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

Sunday 19 May

08:45

Session 1

Session |

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

Conveners: Harald Ita, Laura Reina

08:45–09:00 **Welcome from SMU**

Speakers

Prof. Thomas Di Piero, Prof. Pavel Nadolsky

09:00–09:30 **Higgs production at the LHC**

Speaker

Matthew Henry Klein

09:35–10:05

Pseudoscalar Higgs plus jet production at Next-to-Next-to-Leading Order in QCD

Speaker

Ciaran Williams

10:10–10:40

Top-Bottom Interference Contribution to Fully-Inclusive Higgs Production

Speaker

Felix Eschment

10:45–11:15 **Coffee break**

11:15–11:45

NNLO+PS predictions for Higgs production in bottom-quark fusion with MiNNLO

Speaker

Aparna Sankar

11:50–12:20 **A first look at two-loop master integrals for ttH**

Speaker

Manfred Kraus

12:30