

Session Program

19-23 Nov 2018



Workshop on Resummation, Evolution, Factorization 2018

Thursday

Other Institutes
Institute of Nuclear Physics Polish Academy of Sciences Kraków, Poland

Thursday 22 November

09:00

Thursday: Session 1

Session | Location: IFJ PAN

09:00–09:35 **What is a parton shower?**

Speaker

Zoltan Nagy

09:35–10:00

Determination and application of TMD parton densities using the Parton Branching method

Speaker

Armando Bermudez Martinez

10:00–10:25

On interplay of parton-shower scale variations and optimization of non-perturbative parameters in general-purpose event generators.

Speaker

Andrzej Siodmok

10:25

10:50

Thursday: Session 2

Session | Location: IFJ PAN

10:50–11:15

Differential cross sections in top-quark pair production at NNLO+NNLL' in QCD

Speaker

Ben Pecjak

11:15–11:40

Electroweak logarithms and gauge boson PDFs

Speaker

Wouter Waalewijn

11:40–12:05

Non-prompt $J/\psi + \mu$ and $J/\psi + J/\psi$ production with k_T -factorization

Speaker

Maxim Malyshev

12:05–12:30

Prospects for measurements of H/Z production cross section ratios using CMS Run II data.

Speaker

Bugra Bilin

12:30

14:00

Thursday: Session 3

Session | Location: IFJ PAN

14:00–14:25

Is production of charmed hadrons fully perturbative ?

Speaker

Antoni Szczurek

14:25-14:50

Higher-order corrections in forward Drell-Yan production at the LHC

Speaker

Francesco Giovanni Celiberto

14:50-15:15

Off-shell initial state effects and gauge invariance of amplitude in Drell-Yan process

Speaker

Vladimir Saleev

15:15

15:40

16:30

Thursday: Discussion

Session | **Location:** IFJ PAN