

## **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