

Session Program

24-30 Sept 2022



Diffraction and Low-x 2022

Joint session: Recent theoretical results on QCD and saturation + low x, PDFs and hadronic final state

Corigliano Calabro, Italy
BV Airone Resort

Wednesday 28 September

14:30

Joint session: Recent theoretical results on QCD and saturation + low x , PDFs and hadronic final state

Session | Location: Corigliano Calabro, Italy, BV Airone Resort

14:30–14:55 QCD at a Forward Physics Facility at the High-Luminosity LHC

Speaker

Antonia Di Crescenzo

14:55–15:20

BSM and SM signals and backgrounds in Far-Forward Experiments at the LHC

Speakers

Maria Vittoria Garzelli, Maria Vittoria Garzelli

15:20–15:40

Next-to-Leading Order virtual correction to the Higgs-induced DIS

Speaker

Anna Rinaudo

15:40–16:00

Quarkonium inclusive production: negative NLO cross sections, scale fixing and high-energy resummation

Speakers

Jean-Philippe Lansberg, Jean-Philippe Lansberg, Jean-Philippe Lansberg, Jean-Philippe Lansberg

16:00–16:20

Stabilizing BFKL via heavy-flavor and NRQCD fragmentation

Speaker

Dr Francesco Giovanni Celiberto

16:20

16:50

Joint session: Recent theoretical results on QCD and saturation + low x , PDFs and hadronic final state

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16:50–17:15

Higher-order fiducial distributions within the transverse momentum resummation formalism

Speakers

Giancarlo Ferrera, Giancarlo Ferrera

17:15–17:40

Direct-space p_T resummation and the N3LO Drell-Yan cross section

Speakers

Paolo Torrielli, Paolo Torrielli

17:40–18:00

Soft and next-to-soft resummation for QCD observables

Speaker

Ajjath Abdul Hameed

18:00–18:20

A parton branching algorithm with transverse momentum dependent splitting functions

Speaker
Aleksandra Anna Lelek

18:20–18:40

The next-to-leading order Higgs impact factor in the infinite top-mass limit

Speaker
Michael Fucilla

18:40–19:00 **BFKL factorizations for Mueller-Tang jets at LHC in NLLA**

Speakers
Dimitri Colferai, Dimitri Colferai

19:00–19:40 **Discussion session: High-energy QCD and resummations**

Speakers
Prof. Agustin Sabio Vera, Amanda Sarkar, Cristian Baldenegro Barrera, Cyrille Marquet, Dr Francesco Giovanni Celiberto, Marco Bonvini, Martin Hentschinski, Prof. Pavel Nadolsky

20:00