

Session Program

24-28 Mar 2025



Deep Inelastic Scattering 2025

WG2: Small-x, Diffraction and Vector Mesons

Tuesday 25 March

09:00

WG2: Small-x, Diffraction and Vector Mesons: WG2: Session #1 (... topic...)

Session | **Location:** Adriatic 1 | **Conveners:** Savannah Clawson, Heribert Weigert, Krzysztof Kutak

09:00–09:20

Hybrid high-energy factorization and evolution at NLO

Speaker

Andreas Van Hameren

09:20–09:40

Measurement of the sensitivity of two-particle correlations in pp collisions to the presence of hard scatterings

Speaker

Petr Balek

09:40–10:00

Diffraction in Sherpa

Speaker

Frank Krauss

10:30

11:00

WG2: Small-x, Diffraction and Vector Mesons: WG : Session #2

Session | **Location:** Adriatic 1 | **Conveners:** Krzysztof Marek Kutak, Heribert Weigert, Savannah Clawson

11:00–11:20

Automatic differentiation for Balitsky-Kovchegov equation

Speaker

Tomasz Stebel

11:20–11:40

Inferring the initial condition for the BK evolution at next-to-leading order accuracy

Speaker

Carlisle Casuga

11:40–12:00

Entanglement entropy, Krylov complexity and Deep Inetastic Scattering

Speaker

Krzysztof Marek Kutak

12:30

Wednesday 26 March

09:00

WG2: Small-x, Diffraction and Vector Mesons: WG2: Session #5

Session | Location: Adriatic 1

09:00–09:20

Measurement of dijet photoproduction in ultraperipheral Pb+Pb collisions with ATLAS

Speaker

Benjamin Jacob Gilbert

09:20–09:40

3 Inclusive and Exclusive Photonuclear Interactions in Ultra-Peripheral Collisions with ALICE

Speaker

Sasha Bylinkin

09:40–10:00

Results on photon-photon scattering processes in ultra-peripheral Pb+Pb collisions with ATLAS

Speaker

Mateusz Dyndal

10:30

11:00

WG2: Small-x, Diffraction and Vector Mesons: WG2: Session #6

Session | Location: Adriatic 1 | Conveners: Savannah Clawson, Heribert Weigert, Krzysztof Marek Kutak

11:00–11:20

Probing Weizsacker-Williams Gluon Helicity Distribution in Longitudinally Polarized Electron-Proton Collisions

Speaker

Ming Li

11:20–11:40

DIS dijet production at next-to-eikonal order

Speakers

Nestor Armesto, Swaleha Mulani

11:40–12:00

kT factorization approach and j/psi production at Electron Ion collider

Speaker

Vaibhav Rawoot

12:00–12:20

Probing initial state effects in nuclear collisions via dijet and spectator neutron measurements with the ATLAS detector

Speaker

Peter Alan Steinberg

12:30