

Session Program

8-14 Sept 2024



Diffraction and Low-x 2024

Low x, PDFs and saturation IV

Hotel Tonnara Trabia, Palermo, Sicily
Trabia (Palermo)

Monday 9 September

14:15

Low x, PDFs and saturation IV

Session | **Location:** Hotel Tonnara Trabia, Palermo, Sicily, Trabia (Palermo)

14:15–14:35

Suppression of diffraction in deep-inelastic scattering on nuclei and dynamical mechanism of leading twist nuclear shadowing (195)

Speaker

Vadim Guzey

14:35–14:55

RG improved JIMWLK Hamiltonian: running coupling and DGLAP evolution (138)

Speaker

Michael Lublinsky

14:55–15:15

Twist corrections to exclusive vector meson production in a saturation framework

Speaker

Michael Fucilla

15:15–15:35

Inclusive J/ψ production in forward proton-proton and proton-lead collisions at high energy (128)

Speaker

Patricia Gimeno Estivill

15:35–15:50

NLO impact-factor for the forward η_c meson production (190)

Speaker

Dr Maxim Nefedov

15:50

Tuesday 10 September

16:10

Low x, PDFs and saturation IV

Session | **Location:** Hotel Tonnara Trabia, Palermo, Sicily, Trabia (Palermo)

16:10–16:30

Dipole approach to exclusive J/ψ photoproduction and the putative gluon shadowing (157)

Speaker

Wolfgang Schaefer

16:30–16:50

On the Quarkonium Collinear Fragmentation in a VFNS (96)

Speaker

Dr Francesco Giovanni Celiberto

16:50–17:05

Next-to-leading order photon+jet production (94)

Speaker

Yair Mulian

17:05–17:20

Transverse Single Spin Asymmetry of Electromagnetic Jets for Inclusive and Diffractive Processes at Forward Rapidity in pp Collisions at STAR (98)

Speaker

Xilin Liang

17:20–17:40

Discussion

17:40

Thursday 12 September

09:00

Low x, PDFs and saturation IV

Session | **Location:** Hotel Tonnara Trabia, Palermo, Sicily, Trabia (Palermo)

09:00–09:20

Connections between heavy ion collisions and DIS (106)

Speaker

Dr Heikki Mäntysaari

09:20–09:40

NLO calculations for inclusive back-to-back dijet in DIS in the saturation regime (130)

Speaker

Dr Paul Caucal

09:40–10:00

Saturation within the reach of the LHC: Incoherent J/ψ production at large $|t|$ (92)

Speaker

Marek Matas

10:00–10:30

Discussion

10:30