

Session Program

9-13 Jun 2025

UPC2025: The second international workshop on the physics of Ultra Peripheral Collisions

Exclusive processes and small-x physics

Saariselkä, Finland
Lapland Hotels Riekonlinna

Tuesday 10 June

08:50

Exclusive processes and small-x physics

Session | **Location:** Saariselkä, Finland, Lapland Hotels Riekonlinna

08:50–09:10 **TBA**

Speaker

Sasha Bylinkin

09:10–09:30

Probing nuclear gluon distributions via coherent J/Ψ and $\Psi(2S)$ photoproduction in ultraperipheral PbPb collisions at CMS

Speaker

Daniela Hikari Yano

09:30–09:50

Measurements of J/ψ in ultraperipheral Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.36$ TeV with the ATLAS detector

Speaker

Pawel Rybczynski

09:50–10:10

First measurement on the energy and Mandelstam-t dependence of both coherent and incoherent J/Ψ photonuclear production

Speaker

Vendulka Filova

10:10–10:30

First Study of Exclusive Production of Multi-Hadron Final States in Ultraperipheral Collisions

Speaker

Amrit Gautam

10:30

11:00

Exclusive processes and small-x physics

Session | **Location:** Saariselkä, Finland, Lapland Hotels Riekonlinna

11:00–11:20

Nuclear suppression in diffractive vector meson production within the color glass condensate framework

Speaker

Dr Hendrik Roch

11:20–11:40

Gluon saturation effects in exclusive heavy vector meson and in $\bar{c}c$, $b\bar{b}$ photoproduction

Speaker

Christophe Royon

11:40–12:00

Coherent J/ψ photoproduction in AA collisions with nuclear overlap

Speaker

Ionut Cristian Arsene

12:00–12:20

Coherent J/ψ photoproduction in AA collisions with nuclear overlap from RHIC to LHC energies: theory perspective**Speaker**

Wangmei Zha

12:20–12:40

Centrality dependence in J/Ψ Photoproduction in pp, pA and AA Collisions**Speaker**

Maria Beatriz De Leone Gay

12:40–13:00

Finite-size effects in color-glass condensate and implications for exclusive vector meson production in ultra-peripheral collisions**Speaker**

Jani Penttala

13:00

14:30

Exclusive processes and small-x physics**Session** | **Location:** Saariselkä, Finland, Lapland Hotels Riekonlinna

14:30–14:50

Onset of gluon saturation through incoherent J/ψ production at large $|t|$ **Speaker**

Alexandra Ridziková

14:50–15:10

Incoherent J/ψ photoproduction in UPC as a probe of the subnucleonic structure of nuclei**Speaker**

Zaochen Ye

15:10–15:30

Momentum transfer dependence in electronuclear production of heavy quarkonia revisited: Green function formalism**Speaker**

Jaroslava Obertova

15:30–15:50

Recent advances on the solution of the LO and NLO BK equation**Speaker**

Prof. Jesus Guillermo Contreras Nuno

15:50–16:10

Exclusive photoproduction of a photon-pion pair in a saturation framework**Speaker**

Joseph Yarwick

16:10

16:40

Exclusive processes and small-x physics**Session** | **Location:** Saariselkä, Finland, Lapland Hotels Riekonlinna

16:40–17:00

Probing generalised parton distributions in exclusive meson-meson production**Speaker**

David PEREZ

17:00–17:20

Exclusive vector-quarkonium photoproduction at NLO in collinear factorisation with evolution of the generalised parton distributions and high-energy resummation**Speaker**

Jean-Philippe Lansberg

17:20–17:40

Prospects for probing generalised parton distributions in 2 to 3 exclusive processes**Speaker**

Saad Nabeebaccus

17:40–18:00

Probing the Nuclear and Electromagnetic Structure of Heavy Nuclei at STAR**Speaker**

Xihe Han

18:00

Wednesday 11 June

08:30

Exclusive processes and small-x physics

Session | Location: Saariselkä, Finland, Lapland Hotels Riekonlinna

08:30–08:50 **Beyond leading-power effects in DVMP at small-x**

Speaker
Michael Fucilla

08:50–09:10
Transverse momentum dependent factorization in the target fragmentation region at small-x

Speaker
Farid Salazar

09:10