

Diffraction and Low-x 2026

6 September 2026 - 12 September 2026

Hotel Akti Taygetos

Sessions and conveners

Low x, PDFs in proton

Conveners: Amanda Cooper Sarjar, Patrick Connor

PDFs at low and high x

Low x, PDFs, and saturation in heavy ions

Conveners: Gian Michele Innocenti, Edmond Iancu

New results within the Color Glass Condensate model
Saturation and evolution
Saturation in heavy ion

Diffraction in proton-proton and nucleus-nucleus collisions

Conveners: Michal Praszalowicz, Antonio Vilela Pereira

Soft diffraction at the hadron colliders
Total and inelastic cross section measurements
Odderon physics
Central exclusive production of low-mass particles
Glueball production
Forward physics at the LHC
Forward detectors
Phenomenology of gap survival probability
Monte Carlo for soft processes
Heavy ion collisions at RHIC and EIC
Phenomenology of diffraction off nuclei
Hard diffraction at the hadron colliders
Monte Carlo for hard processes

UPC and gamma gamma physics

Conveners: Cyrille Marquet, Zaochen Ye

Gamma-p and gamma-gamma collisions at hadron colliders
Beyond standard model and photon exchange processes
Ultrapерipheral collisions

Spin Physics

Conveners: Barbara Badelek, Umberto d'Alesio

New results on spin physics
Spin and polarization physics
Prospects in spin physics
Generalized parton distributions
Transverse momentum dependent PDFs

QCD and hadronic final states

Conveners: Christophe Royon, Dimitri Colferai

pQCD predictions
Jet cross sections and algorithms
Jet substructures
Multiplicities
Vector meson, pion, etc. productions
Formal developments in QCD (resummation, factorization, evolution)
New results in the BFKL physics
New results in the color dipole/kt-factorization approach
Progress in AdS/QCD, integrability and related topics

Diffraction in ep and eA

Conveners: Janusz Chwastowski, Sanjin Benic

Inclusive DIS: total cross sections, structure functions, heavy flavors
Inclusive diffraction and dijets in DIS
Hard diffractive photoproduction
Exclusive final states in diffractive DIS (vector mesons, DVCS, etc.)
Analyticity/duality models of inclusive/diffractive reactions; Pomeron trajectory
Diffraction at the EIC
Forward detectors and Roman pots