

## **Session Program**

**3-8 Sept 2023**



**Low-x 2023**

***Low x, BFKL, Final states***

Leros island, Greece  
Crithoni's Paradise 4\* Hotel

# Thursday 7 September

09:00

## Low $x$ , BFKL, Final states

**Session** | **Location:** Leros island, Greece, Crithoni's Paradise 4\* Hotel

09:00–09:30

### Measurement and QCD analysis of inclusive jet production in deep inelastic scattering at HERA

**Speaker**

Achim Geiser

09:30–10:00

### Associated production of vector bosons and heavy flavours in CMS

**Speaker**

Michael Pitt

10:00–10:30

### Mueller-Tang Jets at Next-to-Leading Order and Violation of BFKL Factorization

**Speaker**

Federico Deganutti

10:30

11:00

## Low $x$ , BFKL, Final states

**Session** | **Location:** Leros island, Greece, Crithoni's Paradise 4\* Hotel

11:00–11:30

### Measurement of the azimuthal decorrelation angle between the leading jet and the scattered lepton in deep inelastic scattering at HERA

**Speaker**

Prof. Bernd Surrow

11:30–12:00

### Jet substructure measurements in CMS

**Speaker**

Christophe Royon

12:00–12:30

### Discussion: jets

**Speakers**

Achim Geiser, Armando Bermudez Martinez, Jean-Philippe Lansberg

12:30

15:30

## Low $x$ , BFKL, Final states

**Session** | **Location:** Leros island, Greece, Crithoni's Paradise 4\* Hotel

15:30–16:00

### The LHC as a Neutrino-Ion Collider: FPF case studies

**Speakers**

Dr Tanjona R. Rabemananjara, Tanjona Radonirina Rabemananjara

16:00–16:30

### Factorisation of 1-loop amplitudes in NMRK limits

**Speaker**

Emmet Byrne

16:30–17:00

### Discussion: low $x$ , saturation, final states

17:00

**Speaker**  
Renaud BOUSSARIE

# Friday 8 September

09:00

## Low $x$ , BFKL, Final states

**Session** | **Location:** Leros island, Greece, Crithoni's Paradise 4\* Hotel

09:00–09:30 **QCD corrections to quarkonium production**

### Speakers

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

09:30–10:00

**Computing one-loop corrections to quarkonium production impact-factors with Lipatov's EFT**

### Speaker

Dr Maxim Nefedov

10:00–10:30

**On color reconnection effects in  $J/\psi$  hadroproduction**

### Speaker

Leszek Motyka

10:30

14:00

## Low $x$ , BFKL, Final states

**Session** | **Location:** Leros island, Greece, Crithoni's Paradise 4\* Hotel

14:00–14:30

**Dilepton and diphoton production and BSM searches with UPC photon fusion processes in Pb+Pb collisions with the ATLAS detector**

### Speaker

Melike Akbiyik

14:30–15:00

**Transverse analyzing power measurement in the high energy forward pp and pA scattering at RHIC hydrogen jet target polarimeter**

### Speaker

Andrei Poblaguev

15:00

15:30

## Low $x$ , BFKL, Final states

**Session** | **Location:** Leros island, Greece, Crithoni's Paradise 4\* Hotel

15:30–16:00 **The LHCspin project**

### Speaker

Marco Santimaria

16:00–16:30

**On the exact solution for the Schrödinger equation**

### Speaker

Yair Mulian

16:30–17:00

**V+jets production in CMS**

### Speakers

Sorina Popescu, Sorina Popescu

17:00-17:30

**Discussion: final states**

**Speakers**

Achim Geiser, Armando Bermudez Martinez, Jean-Philippe Lansberg

17:30