



# Diffraction and Low-x 2018

## Thursday 30 August 2018

### Low x, PDFs and hadronic final state session (09:00 - 10:20)

time	[id] title	presenter
09:00	[108] Combination and QCD analysis of beauty and charm production cross section measurements in deep inelastic ep scattering at HERA	KARSHON, Uri
09:20	[109] Latest Results on MMHT PDF Fits	HARLAND-LANG, Lucian
09:40	[110] Constraints on the Parton Density Functions of the Proton by Measurements with the ATLAS Detector	GWENLAN, Claire
10:00	[111] QCD analysis of the ATLAS and CMS W and Z cross-section measurements and implications for the strange sea density	SARKAR, Amanda SARKAR, amanda

### Low x, PDFs and hadronic final state session (10:50 - 13:00)

time	[id] title	presenter
10:50	[112] Recent developments in Small-x Resummation	BONVINI, Marco
11:10	[114] Parton Distributions and small-x physics with the LHeC and the FCC-eh	GWENLAN, Claire
11:30	[115] Impact of low-x resummation on QCD analysis of HERA data	SARKAR, Amanda
11:50	[116] Recent CMS results on soft and small-x QCD physics	BALDENEGRO BARRERA, Cristian
12:10	[113] Discussion session: QCD fits, PDFs	SARKAR, Amanda SZYMANOWSKI, Lech GUNNELLINI, Paolo

### Low x, PDFs and hadronic final state session (14:30 - 15:50)

time	[id] title	presenter
14:30	[128] PROSA PDFs and astrophysical applications	GARZELLI, Maria Vittoria
14:50	[129] Leptoproduction of rho-mesons as discriminator for the unintegrated gluon distribution in the proton	BOLOGNINO, Andr�e Dafne
15:10	[130] Forward Drell-Yan plus jet production as a probe of the BFKL dynamics	GOLEC-BIERNAT, Krzysztof
15:30	[131] Toward Mueller-Tang Jets at Next-to-Leading Order	DEGANUTTI, Federico Mr DEGANUTTI, Federico

### Low x, PDFs and hadronic final state session (16:20 - 18:30)

time	[id] title	presenter
16:20	[132] Discussion session: Low x, BFKL, PDFs	
16:50	[166] Multi particle production in proton-nucleus collisions	MULIAN, Yair
17:10	[133] On double pomeron exchange in J/psi hadroproduction	MOTYKA, Leszek

17:30	[127] Two particle correlations at LHCb	KUCHARCZYK, Marcin
17:50	[135] Vector meson photoproduction: Recent results	GONCALVES, Victor GONÇALVES, Victor
18:10	[134] Scaling function for the production of vector mesons and DVCS in the saturation scheme	GREGOLETTO BEN, Felipe

# Friday 31 August 2018

## Low x, PDFs and hadronic final state session (09:00 - 09:40)

time	[id] title	presenter
09:00	[136] Towards a Neural Network determination of nuclear parton distribution functions	ABDUL KHALEK, Rabah
09:20	[167] New Results on Multi-Boson Production with the ATLAS Detector	GENG, Cong