

Low x 2017

Monday, 12 June 2017 - Sunday, 18 June 2017

Other Institutes



Book of Abstracts

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Welcome

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Parton distributions/phenomenology at low x

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Does Nature Know about Perturbation Theory? A Study of HERA Deep Inelastic Scattering Data at Low Q^2

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Higher-twist corrections to gluon TMD factorization

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CFT at Strong Coupling: From DIS to Inclusive Production

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High precision measurements of the differential W and Z boson cross section and Z/top pair cross section ratios in ATLAS

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Spin dependent parton distributions

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Jets and final state session I / 13

3-parton production in DIS at small x

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Measurement of the inclusive jet, dijet, and photon production in ATLAS

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Four-jet production in High Energy Factorization plus Parton Showers

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Measurement of inclusive jet, dijet and photon production in CMS

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PDF results from CMS V+jets measurements

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Production of electroweak bosons on association with jets in ATLAS

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Dihadron production, heavy-quark pair production, dijet and multi-jet production

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Dipole description of diffractive dijet and quarkonia production

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Probing BFKL dynamics in Mueller-Navelet jet production and in very forward J/psi and backward jet production at the LHC

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Improved theoretical description of Mueller-Navelet jets at LHC

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Unpolarized and linearly-polarized gluon distributions from JIMWLK evolution

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High Energy QCD at NLO: from light-cone wave function to JIMWLK evolution

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Very forward energy flow and jets in pp and pA at CMS

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Saturation effects in dijet production within Hybrid factorization

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Discussion session: BFKL and saturation

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EW, jets, and heavy flavour production at LHCb

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New measurements of jets in DIS and extraction of α_s at NNLO

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A Very Forward Hadron Spectrometer at the LHC

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D* meson production in diffractive DIS

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Gluonium production

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Prompt proton production in DIS at HERA

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Production of one and two J/ψ mesons at the LHC

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Exclusive light meson production at the LHC

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Small x gluon from b bar and exclusive J/ψ production at the LHC

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Saturation of the resonance spectrum

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Precision REMORM/MBR diffraction predictions confront recent LHC data

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Hadronization of highly virtual partons: perturbative vs nonperturbative scenarios

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Recent results from LHCf

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Gamma gamma gamma Z anomalous coupling studies

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Measurements of exclusive production in ATLAS

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Turning the LHC Ring into a Discovery Machine

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Heavy ion session I / 58

A model-independent extension of the Glauber-Velasco model of elastic pp scattering

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QCD jets in pp, pA and AA collisions with CMS

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Deep inelastic scattering as a probe of entanglement

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Inelastic nuclear screening for different secondaries produced in p+Pb collisions at LHC energy

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Recent results on photon-photon, photon-nuclear and heavy-ion collisions from ATLAS

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Flow and event-by-event fluctuations in pp, pPb and PbPb collisions at CMS

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J/Psi production in peripheral AA collisions

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VHEeP workshop summary

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Prompt photon production in diffractive photoproduction -

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