

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

Corresponding Author: amanda.cooper-sarkar@physics.ox.ac.uk

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

Corresponding Author: volodymyr.myronenko@desy.de

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Higher-twist corrections to gluon TMD factorization

Corresponding Author: balitsky@jlab.org

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CFT at Strong Coupling: From DIS to Inclusive Production

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tba

Corresponding Author: giovanni.chirilli@gmail.com

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XFitter

Corresponding Author: amanda.cooper-sarkar@physics.ox.ac.uk

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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

Corresponding Author: nataliia.zakharchuk@desy.de

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Spin dependent parton distributions

Corresponding Author: barbara.badelek@cern.ch

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Discussion session: PDFs, QCD fits, low x

Corresponding Authors: amanda.cooper-sarkar@physics.ox.ac.uk, a.d.martin@durham.ac.uk

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3-parton production in DIS at small x

Corresponding Author: jamal.jalilian-marian@baruch.cuny.edu

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

Corresponding Author: josu.cantero.garcia@cern.ch

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Four-jet production in High Energy Factorization plus Parton Showers

Corresponding Author: mirkos.serino@gmail.com

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Measurement of inclusive jet, dijet and photon production in CMS

Corresponding Author: deniz.sunar.cerci@cern.ch

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PDF results from CMS V+jets measurements

Corresponding Author: achim.geiser@cern.ch

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Production of electroweak bosons on association with jets in ATLAS

Corresponding Author: stefania.spagnolo@le.infn.it

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

Corresponding Author: francescogiovanni.celiberto@fis.unical.it

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Dipole description of diffractive dijet and quarkonia production

Corresponding Author: roman.pasechnik@thep.lu.se

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Corresponding Authors: amanda.cooper-sarkar@physics.ox.ac.uk, achim.geiser@cern.ch, enrico.tassi@cern.ch, a.d.martin@durham.ac.uk

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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

Corresponding Author: lech.szymanowski@ncbj.gov.pl

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Improved theoretical description of Mueller-Navelet jets at LHC

Corresponding Author: colferai@fi.infn.it

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Unpolarized and linearly-polarized gluon distributions from JIMWLK evolution

Corresponding Author: cyrille.marquet@cern.ch

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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

Corresponding Author: pierre.vanmechelen@ua.ac.be

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Saturation effects in dijet production within Hybrid factorization

Corresponding Author: tolga.altinoluk@ncbj.gov.pl

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Corresponding Authors: pierre.vanmechelen@ua.ac.be, cyrille.marquet@cern.ch

Jets, heavy quark, final states session I / 31

EW, jets, and heavy flavour production at LHCb

Corresponding Author: kmueller@physik.uzh.ch

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

Corresponding Author: shekeln@mail.desy.de

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ombined measurement of charm and beauty production in DIS and extraction of the charm and beauty quark masses

Corresponding Author: achim.geiser@cern.ch

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A Very Forward Hadron Spectrometer at the LHC

Corresponding Author: michael.albrow@cern.ch

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D* meson production in diffractive DIS

Corresponding Author: pierre.vanmechelen@ua.ac.be

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Gluonium production

Corresponding Author: ugo.gastaldi@cern.ch

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Prompt proton production in DIS at HERA

Corresponding Author: volodymyr.myronenko@desy.de

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Corresponding Authors: enrico.tassi@cern.ch, achim.geiser@cern.ch

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Production of one and two J/\psi mesons at the LHC

Corresponding Author: antoni.szczurek@ifj.edu.pl

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Exclusive light meson production at the LHC

Corresponding Author: maciej.trzebinski@cern.ch

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

Corresponding Author: a.d.martin@durham.ac.uk

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Saturation of the resonance spectrum

Corresponding Author: jenk@bitp.kiev.ua

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Corresponding Author: tamas.ferenc.csorgo@cern.ch

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Precision REMORM/MBR diffraction predictions confront recent LHC data

Corresponding Author: konstantin.goulianos@cern.ch

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Hadronization of highly virtual partons: perturbative vs nonperturbative scenarios

Corresponding Author: boris.kopeliovich@usm.cl

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Corresponding Author: eugenio.berti@cern.ch

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Deep Inverse of Soft Diffraction

Corresponding Author: matti.mikael.mieskolainen@cern.ch

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Corresponding Authors: antoni.szczurek@ifj.edu.pl, michael.albrow@cern.ch

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Corresponding Author: mjmurray@ku.edu

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Anomalous coupling and invisible objects studies

Corresponding Author: christophe.royon@cern.ch

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Gamma gamma gamma Z anomalous coupling studies

Corresponding Author: c.baldenegro@cern.ch

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Measurements of exclusive production in ATLAS

Corresponding Author: roberto.iuppa@cern.ch

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Corresponding Author: benedetto.giacobbe@cern.ch

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Corresponding Author: valentina.sola@cern.ch

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Corresponding Author: laura.fabbri@cern.ch

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Turning the LHC Ring into a Discovery Machine

Corresponding Author: risto.orava@cern.ch

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Corresponding Authors: maciej.trzebinski@cern.ch, christophe.royon@cern.ch

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

Corresponding Author: tamas.ferenc.csorgo@cern.ch

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QCD jets in pp, pA and AA collisions with CMS

Corresponding Author: matthew.nguyen@cern.ch

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Deep inelastic scattering as a probe of entanglement

Corresponding Author: dmitri131@gmail.com

Heavy ion session I / 61**Inelastic nuclear screening for different secondaries produced in p+Pb collisions at LHC energy**

Corresponding Author: carlos.merino@usc.es

Heavy ion session I / 62**Recent results on photon-photon, photon-nuclear and heavy-ion collisions from ATLAS**

Corresponding Author: martin.spousta@cern.ch

Heavy ion session II / 63**Flow and event-by-event fluctuations in pp, pPb and PbPb collisions at CMS**

Corresponding Author: damir.devetak@cern.ch

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Corresponding Author: allen.christopher.caldwell@cern.ch

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Corresponding Authors: jamal.jalilian-marian@baruch.cuny.edu, matthew.nguyen@cern.ch

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Corresponding Authors: alessia.bruni@bo.infn.it, marcella.capua@cern.ch

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Corresponding Author: alessia.bruni@bo.infn.it

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Corresponding Author: salim.cerci@cern.ch

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Corresponding Author: deniz.sunar.cerci@cern.ch

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Corresponding Authors: deniz.sunar.cerci@cern.ch, mjmurray@ku.edu

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Corresponding Author: katharina.mueller@sub.uni-goettingen.de

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Corresponding Author: kmueller@physik.uzh.ch