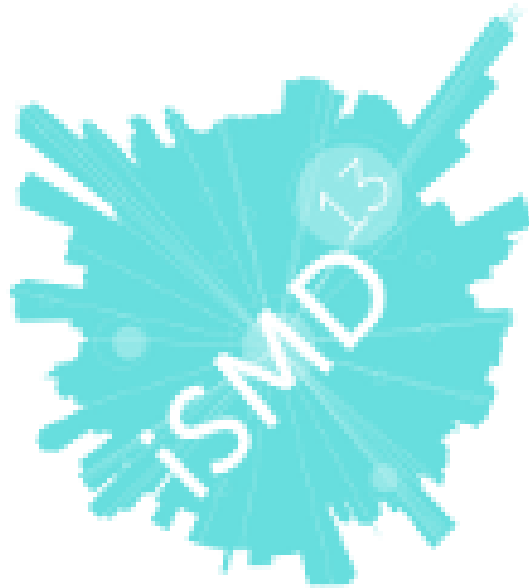


XLIII International Symposium on Multiparticle Dynamics



Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening Remark

Presenters: Prof. BETTS, Russell (Dean, IIT); Prof. SULLIVAN, Zack (Illinois Institute of Technology)

Contribution ID: 3

Type: **not specified**

Boosted heavy particles and jet substructure using ATLAS data

Monday, 16 September 2013 10:05 (25 minutes)

Presenter: WARDROPE, David Robert

Contribution ID: 4

Type: **not specified**

Hadronic final states in high-pT QCD with the CMS detector

Monday, 16 September 2013 09:40 (25 minutes)

Presenter: BOSE, Suvadeep (Univ. of Nebraska-Lincoln, United States)

Contribution ID: 5

Type: **not specified**

Hadronic final states in high-pT QCD at CDF

Monday, 16 September 2013 15:40 (20 minutes)

Presenter: MATERA, Keith

Contribution ID: 6

Type: **not specified**

Hadronic final states in high-pT QCD with the ATLAS detector

Monday, 16 September 2013 15:20 (20 minutes)

Presenter: STOEBE, Michael

Contribution ID: 8

Type: **not specified**

Boosted heavy particles and jet substructure with the CMS detector

Monday, 16 September 2013 15:00 (20 minutes)

Presenter: MARCHESINI, Ivan (University of Hamburg, Germany)

Contribution ID: 9

Type: **not specified**

Recent HERA results on diffraction and forward physics

Tuesday, 17 September 2013 16:30 (20 minutes)

Presenter: WICHMANN, Katarzyna

Contribution ID: **10**

Type: **not specified**

Diffractive physics at the LHC

Tuesday, 17 September 2013 16:50 (20 minutes)

Presenter: MATE, Csana (Eotvos University)

Contribution ID: 11

Type: **not specified**

Central Exclusive Production in CDF

Tuesday, 17 September 2013 17:10 (25 minutes)

Primary author: ALBROW, Michael

Presenter: ALBROW, Michael

Contribution ID: 12

Type: **not specified**

Recent ATLAS results on HI collisions

Thursday, 19 September 2013 14:00 (25 minutes)

Presenter: SPOUSTA, Martin

Contribution ID: 13

Type: **not specified**

Multi-particle aspects of high-density systems in heavy ion collisions with the ATLAS detector

Thursday, 19 September 2013 09:00 (17 minutes)

Presenter: JIA, Jiangyong

Contribution ID: 14

Type: **not specified**

Review of RHIC heavy-ion results

Thursday, 19 September 2013 16:35 (20 minutes)

Presenter: EVDOKIMOV, Olga (UIC)

Contribution ID: 15

Type: **not specified**

Recent Heavy Ion Results with the ALICE Detector

Thursday, 19 September 2013 16:15 (20 minutes)

Presenter: Prof. PUTSCHKE, Joern (Wayne State University)

Contribution ID: 16

Type: **not specified**

Recent results on UE and double parton scattering with the CMS detector

Tuesday, 17 September 2013 09:30 (20 minutes)

Presenter: ARCIDIACONO, Roberta (Univ. di Torino e Sez. dell'INFN, Italy)

Contribution ID: 17

Type: **not specified**

Recent results on UE and double parton scattering with the ATLAS detector

Tuesday, 17 September 2013 09:50 (20 minutes)

Presenter: WYNNE, Benjamin

Contribution ID: **18**

Type: **not specified**

Introduction: Aspects of soft QCD, correlations, particle spectra and multiplicities

Tuesday, 17 September 2013 11:00 (25 minutes)

Presenter: VAN REMORTEL, Nick

Contribution ID: 19

Type: **not specified**

Recent Heavy Ion Results with the CMS Detector (Hard and EM Probes)

Thursday, 19 September 2013 14:25 (25 minutes)

Primary author: Dr LEE, Yen-Jie (CERN)

Presenter: Dr LEE, Yen-Jie (CERN)

Contribution ID: 20

Type: **not specified**

Cosmic Ray Atmospheric Showers and High Energy Hadronic Interaction Models

Friday, 20 September 2013 12:10 (25 minutes)

Presenter: DESIATI, Paolo (Wisc)

Contribution ID: 21

Type: **not specified**

Overview of Higgs results with the CMS detector

Monday, 16 September 2013 11:00 (20 minutes)

Presenter: Dr MERKEL, Petra (Fermilab)

Contribution ID: 22

Type: **not specified**

Overview of ATLAS Higgs results

Monday, 16 September 2013 11:50 (20 minutes)

Presenter: REBUZZI, Daniela

Contribution ID: 23

Type: **not specified**

Introduction

Thursday, 19 September 2013 11:00 (20 minutes)

Presenter: ROLLI, Simona

Contribution ID: 24

Type: **not specified**

BSM searches in multi-objects final states at TEVATRON

Thursday, 19 September 2013 11:20 (20 minutes)

Presenter: CULBERTSON, Raymond

Contribution ID: 25

Type: **not specified**

BSM searches in multi-objects final states with the CMS detector

Thursday, 19 September 2013 11:40 (20 minutes)

Presenter: NACHTMAN, Jane (The Univ. of Iowa, United States)

Contribution ID: 26

Type: **not specified**

BSM searches in multi-objects final states with the ATLAS detector

Thursday, 19 September 2013 12:20 (20 minutes)

Presenter: Dr CORNELISSEN, Thijs (Wuppertal)

Contribution ID: 27

Type: **not specified**

Review of Gamma Ray Astronomy

Friday, 20 September 2013 11:10 (30 minutes)

Presenter: Prof. BUCKLEY, James (Washington University)

Contribution ID: 28

Type: **not specified**

Particle and Nuclear Astrophysics with Supernova Neutrinos

Friday, 20 September 2013 11:40 (30 minutes)

Presenter: Prof. BEACOM, John (Ohio State University)

Contribution ID: 29

Type: **not specified**

Recent CMS experiment results on multiparticle aspects of high-density systems in heavy-ion collisions

Presenter: ZHUKOVA, Victoria

Contribution ID: 30

Type: **not specified**

Recent CMS experiment results on multiparticle aspects of high-density systems in heavy-ion collisions

Thursday, 19 September 2013 09:17 (17 minutes)

Presenter: ZHUKOVA, Victoria

Contribution ID: **31**

Type: **not specified**

Studies of the helix model using pp collisions

Tuesday, 17 September 2013 12:15 (20 minutes)

Presenter: Dr TODOROVA, Sarka (Faculty of Mathematics and Physics, Charles University, Prague)

Contribution ID: 32

Type: **not specified**

Recent results on vector boson production in association with jets with the ATLAS detector

Wednesday, 18 September 2013 09:00 (20 minutes)

Presenter: ARABIDZE, Giorgi

Contribution ID: 33

Type: **not specified**

Resent results on vector boson production in association with jets with the CMS detector

Wednesday, 18 September 2013 09:20 (20 minutes)

Presenter: CORNELIS, Tom Gustaaf (Universiteit Antwerpen, Belgium)

Contribution ID: 34

Type: **not specified**

Introduction and UE Findings from the Tevatron Energy Scan

Tuesday, 17 September 2013 09:00 (30 minutes)

Presenter: FIELD, Rick

Contribution ID: 35

Type: **not specified**

Recent STAR Results from the RHIC Beam Energy Scan

Thursday, 19 September 2013 09:51 (21 minutes)

Presenter: WANG, Hui (BNL)

Contribution ID: 36

Type: **not specified**

Large x Physics: Recent Results and Future Plans

Tuesday, 17 September 2013 15:35 (25 minutes)

Presenter: HOLT, Roy (ANL)

Contribution ID: 37

Type: **not specified**

Inclusive measurements at HERA from low to high x

Tuesday, 17 September 2013 14:55 (20 minutes)

Presenter: BEHNKE, Olaf (DESY)

Contribution ID: **38**

Type: **not specified**

Particle production sources in heavy-ion collisions at RHIC and LHC

Thursday, 19 September 2013 09:34 (17 minutes)

Presenter: WOLSCHIN, Georg

Contribution ID: 39

Type: **not specified**

The challenges of high luminosity and jets

Monday, 16 September 2013 17:25 (25 minutes)

Presenter: Prof. SULLIVAN, Zack (Illinois Institute of Technology)

Contribution ID: 40

Type: **not specified**

Color Reconnection and Its Effect on Precise Measurements at the LHC

Tuesday, 17 September 2013 11:50 (25 minutes)

Presenter: SJOSTRAND, Torbjorn

Contribution ID: 41

Type: **not specified**

Underlying Event Studies at the Tevatron and the LHC”

Tuesday, 17 September 2013 10:10 (20 minutes)

Presenter: KAR, Deepak

Contribution ID: 43

Type: **not specified**

Recent results from the D0 experiment on heavy particle production with jets

Wednesday, 18 September 2013 09:40 (25 minutes)

Presenter: Dr KUMAR, Ashish (State University of New York at Buffalo)

Contribution ID: 44

Type: **not specified**

Theory overview

Thursday, 19 September 2013 15:15 (30 minutes)

Presenter: Dr MAJUMDER, Abhijit (Wayne State University)

Contribution ID: 46

Type: **not specified**

Summary of Snowmass2013 High Energy Frontier

Friday, 20 September 2013 14:30 (45 minutes)

Presenter: Prof. BROCK, Raymond (Michigan State University)

Contribution ID: 47

Type: **not specified**

A vision for future of particle physics

Friday, 20 September 2013 15:15 (45 minutes)

Presenter: Prof. BJORKEN, James

Contribution ID: 48

Type: **not specified**

Polarised Drell-Yan physics at COMPASS

Tuesday, 17 September 2013 15:15 (20 minutes)

Presenter: FRANCO, Celso

Contribution ID: 49

Type: **not specified**

Boost2013 Summary

Monday, 16 September 2013 14:30 (30 minutes)

Presenter: LOCH, Peter

Contribution ID: 50

Type: **not specified**

Physics implications of correlation data from the RHIC and LHC heavy-ion programs

Thursday, 19 September 2013 14:50 (25 minutes)

Presenter: Dr RAY, Lanny (The University of Texas at Austin)

Contribution ID: 51

Type: **not specified**

Recent results from ALICE

Thursday, 19 September 2013 10:12 (18 minutes)

Presenter: PLOSKON, Mateusz (Lawrence Berkeley National Laboratory)

Contribution ID: 52

Type: **not specified**

Measurement of anisotropic radial flow in relativistic heavy ion collisions

Presenter: Mr WU, Yuanfang (Institute of particle physics, Huazhong normal university)

Contribution ID: 53

Type: **not specified**

Multi-lepton new physics searches

Thursday, 19 September 2013 12:00 (20 minutes)

Presenter: MEADE, Patrick

Contribution ID: 54

Type: **not specified**

Jet and new physics searches

Thursday, 19 September 2013 12:40 (20 minutes)

Presenter: KROHN, David

Contribution ID: 58

Type: **not specified**

Improved isolation of the p-p Underlying Event based on minimum-bias trigger-associated hadron correlations

Presenter: Prof. TRAINOR, Thomas (University of Washington)

Contribution ID: 59

Type: **not specified**

High cumulants from the 3-dimensional $O(1, 2, 4)$ spin models

Monday, 16 September 2013 19:15 (10 minutes)

Presenter: XUE, Pan

Contribution ID: **61**

Type: **not specified**

Particle production at large momentum transfer.

Monday, 16 September 2013 19:00 (15 minutes)

Primary author: WERNER, Sauter

Presenter: Prof. WERNER KRAMBECK, Sauter (Universidade Federal de Pelotas)

Contribution ID: 62

Type: **not specified**

Recent results from the search for the critical point of strongly interacting matter at the CERN SPS

Wednesday, 18 September 2013 11:00 (20 minutes)

Presenter: SEYBOTH, Peter

Contribution ID: **63**

Type: **not specified**

Theory overview of SM Higgs results

Monday, 16 September 2013 11:20 (30 minutes)

Presenter: PETRIELLO, Frank

Contribution ID: **64**

Type: **not specified**

Theory overview of BSM Higgs results

Monday, 16 September 2013 12:30 (30 minutes)

Presenter: CARENA, Marcela

Contribution ID: 66

Type: **not specified**

Minimum-bias angular and trigger-associated correlations from 200 GeV p-p collisions: jets, flows, centrality and the underlying event

Monday, 16 September 2013 19:25 (10 minutes)

Presenter: PRINDLE, Duncan

Contribution ID: 67

Type: **not specified**

The Status of QCD Diffractive Physics in DIS on Protons and Nuclei

Tuesday, 17 September 2013 17:35 (25 minutes)

Presenter: KOVCHEGOV, Yuri

Contribution ID: 68

Type: **not specified**

Central exclusive production and the Durham diffractive program

Tuesday, 17 September 2013 18:00 (20 minutes)

Presenter: HARLAND-LANG, Lucian

Contribution ID: **69**

Type: **not specified**

Diffractive cross sections implemented in PYTHIA8-MBR vs LHC results

Tuesday, 17 September 2013 18:20 (20 minutes)

Presenter: Prof. GOULIANOS, Konstantin (The Rockefeller University)

Contribution ID: 70

Type: **not specified**

Improved isolation of the p-p Underlying Event based on minimum-bias trigger-associated hadron correlations

Tuesday, 17 September 2013 11:25 (25 minutes)

Presenter: TRAINOR, Tom

Contribution ID: 71

Type: **not specified**

Measurement of anisotropic radial flow in relativistic heavy ion collisions

Friday, 20 September 2013 09:00 (20 minutes)

Presenter: Mr WU, Yuanfang (Institute of particle physics, Huazhong normal university)

Contribution ID: 72

Type: **not specified**

Measurement of charged kaon correlations at small relative momentum in the SELEX experiment

Tuesday, 17 September 2013 12:35 (20 minutes)

Presenter: Mr NIGMATKULOV, Grigory (National Research Nuclear University "MEPhI")

Contribution ID: 73

Type: **not specified**

Proton structure in the Higgs era

Tuesday, 17 September 2013 14:30 (25 minutes)

Presenter: Dr FORTE, Stefano (Dipartimento di Fisica, Universita' di Milano and INFN, Sezione di Milano)

Contribution ID: 75

Type: **not specified**

Polarised Drell-Yan physics at COMPASS

Presenter: FRANCO, Celso

Contribution ID: 76

Type: **not specified**

Measurement of Charged Particle Spectra in DIS

Friday, 20 September 2013 10:00 (20 minutes)

Presenter: JUNG, Hannes (DESY)

Contribution ID: 77

Type: **not specified**

The challenges of high luminosity and jets

Presenter: XX

Contribution ID: 78

Type: **not specified**

Polarised Drell-Yan physics at COMPASS

Presenter: FRANCO, Celso

Contribution ID: 79

Type: **not specified**

The phase diagram of QCD from lattice simulations

Wednesday, 18 September 2013 11:20 (20 minutes)

Presenter: Prof. D'ELIA, Massimo (University of Pisa & INFN)

Contribution ID: **80**

Type: **not specified**

New Observables for Jet Substructure

Monday, 16 September 2013 09:15 (25 minutes)

Presenter: THALER, Jesse

Contribution ID: **81**

Type: **not specified**

Qjets: a multiparticle tool

Monday, 16 September 2013 17:00 (25 minutes)

Presenter: ROY, Tuhin

Contribution ID: **82**

Type: **not specified**

Recent developments in Monte Carlo simulations

Wednesday, 18 September 2013 10:05 (25 minutes)

Presenter: THOMPSON, Jennifer (Duhram)

Contribution ID: **83**

Type: **not specified**

Review of parton showers

Monday, 16 September 2013 16:30 (30 minutes)

Presenter: NAGY, Zoltan (DESY)

Contribution ID: **84**

Type: **not specified**

The Potential Importance of Low Luminosity and High Energy at the LHC

Friday, 20 September 2013 09:20 (20 minutes)

Presenter: Dr WHITE, Alan (ANL)

Contribution ID: **86**

Type: **not specified**

HERAFitter poster

Monday, 16 September 2013 19:35 (10 minutes)

Presenter: STAROVOITOV, Pavel (DESY)

Contribution ID: **88**

Type: **not specified**

Exploring the phase structure and dynamics of QCD

Wednesday, 18 September 2013 11:40 (20 minutes)

Presenter: PAWLOWSKI, Jan

Contribution ID: **89**

Type: **not specified**

Recent RHIC BES-I Results

Wednesday, 18 September 2013 12:00 (20 minutes)

Presenter: CEBRA, Dan

Contribution ID: **90**

Type: **not specified**

Energy Dependence of Strangeness Production

Wednesday, 18 September 2013 12:20 (20 minutes)

Presenter: HUANG, Huan Zhong

Contribution ID: **91**

Type: **not specified**

Heavy Flavor Productions at RHIC

Wednesday, 18 September 2013 12:40 (20 minutes)

Presenter: YE, Zhenyu

Contribution ID: 92

Type: **not specified**

High multiplicity in pp interactions at U-70

Presenter: Dr KOKOULINA, Elena (JINR)

Contribution ID: 93

Type: **not specified**

Measurement of inclusive and exclusive hadronic cross sections at BABAR

Friday, 20 September 2013 10:20 (20 minutes)

Presenter: GARY, Bill

Contribution ID: 96

Type: **not specified**

Kaon Freeze-out Dynamics in $\sqrt{s_{NN}}=200\text{GeV}$ Au+Au Collisions at RHIC

Thursday, 19 September 2013 17:15 (20 minutes)

Presenter: SUMBERA, Michal

Contribution ID: 97

Type: **not specified**

Study of limiting fragmentation in p+Pb collisions at 158 GeV

Thursday, 19 September 2013 17:35 (20 minutes)

Presenter: RYBCZYŃSKI, Maciej (Jan Kochanowski University)

Contribution ID: **98**

Type: **not specified**

Collective dynamics of the p-Pb collisions at the LHC

Thursday, 19 September 2013 16:55 (20 minutes)

Presenter: BRONIOWSKI, Wojciech

Contribution ID: 99

Type: **not specified**

APPLGRID: A posteriori inclusion of parton densities in NLO QCD final state calculations

Monday, 16 September 2013 19:45 (10 minutes)

Presenter: STAROVOITOV, Pavel (DESY)

Contribution ID: **101**

Type: **not specified**

Boosted HH->bb bb: a new topology in searches for TeV-scale resonances at the LHC

Monday, 16 September 2013 17:50 (25 minutes)

Presenter: WARDROPE, David

Contribution ID: **102**

Type: **not specified**

PDFs for Higgs physics

Monday, 16 September 2013 12:10 (20 minutes)

Presenter: HUSTON, Joey

Contribution ID: **103**

Type: **not specified**

Measurement of the strong coupling α_S from the three-jet rate in e^+e^- - annihilation using JADE data

Friday, 20 September 2013 09:40 (20 minutes)

Presenter: KLUTH, Stefan

Contribution ID: **104**

Type: **not specified**

ATLAS measurements of boosted W/Z bosons in pp collisions

Presenter: DE LORENZI, Francesco

Contribution ID: 105

Type: **not specified**

Measurement of the strong coupling α_S from the three-jet rate in e^+e^- - annihilation using JADE data

Monday, 16 September 2013 19:55 (10 minutes)

Presenter: KLUTH, Stefan

Contribution ID: **106**

Type: **not specified**

Searching for W' bosons at LHC with Single Top Production

Monday, 16 September 2013 20:05 (10 minutes)

Presenter: DUFFTY, Daniel

Contribution ID: **107**

Type: **not specified**

Computing the Universe

Friday, 20 September 2013 12:35 (25 minutes)

Presenter: POPE, Adrian (ANL)

Contribution ID: **108**

Type: **not specified**

Welcome to IIT

Monday, 16 September 2013 09:00 (10 minutes)

Presenter: Prof. BETTS, Russell (Dean)

Contribution ID: **109**

Type: **not specified**

Welcome to ISMD

Monday, 16 September 2013 09:10 (5 minutes)

Presenter: Prof. SULLIVAN, Zack (Illinois Institute of Technology)

Contribution ID: 110

Type: **not specified**

Welcome at Hermann Hall at IIT. We will have some refreshment / snack and the organizers can help you with some useful information (how to reach your hotel etc.). If you want, you can also register. You can park your car from both sides of the Hermann hall (State Str. or Federal St). Parking is free on Sunday.

Contribution ID: 111

Type: **not specified**

Welcome at Hermann Hall at IIT. We will have some refreshment / snack and the organizers can help you with some useful information (how to reach your hotel etc.). If you want, you can also register. You can park your car from both sides of the Hermann hall (State Str. or Federal St). Parking is free on Sunday.

Sunday, 15 September 2013 18:00 (1h 30m)

Contribution ID: 112

Type: **not specified**

Study of pp interactions at high multiplicity at U-70

Monday, 16 September 2013 20:15 (5 minutes)

Presenter: KOKOULINA, Elena

Contribution ID: 113

Type: **not specified**

Stochastic mechanizm of color confinement

Monday, 16 September 2013 20:20 (20 minutes)

Presenter: Prof. KUVSHINOV, V.I.

Contribution ID: 114

Type: **not specified**

Proton structure from multiparticle contribution to elastic pp-scattering at 7 TeV

Monday, 16 September 2013 20:40 (20 minutes)

Presenter: Prof. DREMIN, Igor