

XL International Symposium on Multiparticle Dynamics (ISMD 2010)



Report of Contributions

Contribution ID: 1

Type: **talk**

Collective phenomena search in hadron interactions

Thursday, September 23, 2010 5:20 PM (20 minutes)

Primary author: Dr KOKOULINA, Elena (Joint Institute for Nuclear Research)

Co-authors: Mr KUTOV, Andrey (Department of Mathematics Komi SC UrD RAS, Syktyvkar, Russia); Prof. NIKITIN, Vladimir (Joint Institute for Nuclear Research); Dr PETUKHOV, Yuri (Joint Institute for Nuclear Research)

Presenter: Dr KOKOULINA, Elena (Joint Institute for Nuclear Research)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 2

Type: **talk**

ENERGY LOSS IN HEAVY ION COLLISIONS

Friday, September 24, 2010 9:45 AM (20 minutes)

Primary author: Dr TOKAREV, Mikhail (Joint Institute for Nuclear Research, Dubna, Russia)

Co-author: Dr ZBOROVSKY, Imrich (Nuclear Physics Institute, Rez, Czech Republic)

Presenter: Dr TOKAREV, Mikhail (Joint Institute for Nuclear Research, Dubna, Russia)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 5

Type: **talk**

Effects of macroscopic QCD observed in AA collisions

Friday, September 24, 2010 10:05 AM (25 minutes)

Primary author: DREMIN, Igor (P.N. Lebedev Institute of Physics (FIAN)-Russian Academy of Scie)

Presenter: DREMIN, Igor (P.N. Lebedev Institute of Physics (FIAN)-Russian Academy of Scie)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 6

Type: **talk**

L3 Measurement of Bose-Einstein Correlations in Hadronic Z decays and the Tau Model

Wednesday, September 22, 2010 9:35 AM (25 minutes)

Primary author: Dr METZGER, Wesley (Radboud University)

Co-authors: Dr CSORGO, Tamas (MTA KFKI RMKI and Harvard University); Dr NOVAK, Tamas (Karoly Robert College); Prof. KITTEL, Wolfram (Radboud University)

Presenter: Dr METZGER, Wesley (Radboud University)

Session Classification: Multiparticle correlations

Track Classification: Multiparticle correlations

Contribution ID: 7

Type: **talk**

First Totem data

Primary author: CATANESI, Gabriella (INFN, Sezione di Bari-Universita & INFN, Bari)

Presenter: CATANESI, Gabriella (INFN, Sezione di Bari-Universita & INFN, Bari)

Track Classification: Techniques in Experiment and Theory

Contribution ID: 9

Type: **talk**

Power-law ensembles: fluctuations of volume or temperature ?

Tuesday, September 21, 2010 5:05 PM (20 minutes)

Primary authors: Prof. WILK, Grzegorz (The Andrzej Sołtan Institute for Nuclear Studies; Theoretical Physics Department, Warsaw, Poland); Prof. WŁODARCZYK, Zbigniew (Institute of Physics, Jan Kochanowski University, Kielce, Poland)

Co-author: Mr WOLAK, Wojciech (Kielce University of Technology)

Presenter: Prof. WILK, Grzegorz (The Andrzej Sołtan Institute for Nuclear Studies; Theoretical Physics Department, Warsaw, Poland)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 11

Type: **not specified**

Experimental summary

Saturday, September 25, 2010 11:50 AM (45 minutes)

Presenter: CHEKANOV, Sergey

Session Classification: Conference Summary

Contribution ID: 12

Type: **not specified**

Theoretical summary

Saturday, September 25, 2010 12:35 PM (45 minutes)

Presenter: IANCU, Edmond

Session Classification: Conference Summary

Contribution ID: 13

Type: **talk**

NUCLEON-DEUTERON COLLISION AS A PROBE OF THE PARTONIC DISTRIBUTION

Friday, September 24, 2010 3:10 PM (25 minutes)

Primary author: CALUCCI, GIORGIO (ISTITUTO NAZIONALE DI FISICA NUCLEARE)

Co-author: TRELEANI, DANIELE (DIPARTIMENTO di FISICA - UNIVERSITA' di TRIESTE and
ISTITUTO NAZIONALE DI FISICA NUCLEARE)

Presenter: CALUCCI, GIORGIO (ISTITUTO NAZIONALE DI FISICA NUCLEARE)

Session Classification: High Density Systems

Track Classification: Soft Interactions

Contribution ID: 14

Type: **talk**

Limiting soft particle emission in $e+e^-$, hadronic and nuclear collisions

Tuesday, September 21, 2010 2:50 PM (20 minutes)

Primary author: OCHS, Wolfgang (Max Planck Institut fuer Physik, Munich)

Co-authors: RYSKIN, M. (Nucl. Phys. Institute St. Petersburg); KHOZE, V.A. (IPPP University Durham)

Presenter: OCHS, Wolfgang (Max Planck Institut fuer Physik, Munich)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 15

Type: **talk**

NA49 and NA61/SHINE experiments: results and plans

Friday, September 24, 2010 10:30 AM (20 minutes)

Primary author: Dr SUSA, Tatjana (Rudjer Boskovic Institute)

Presenter: Dr SUSA, Tatjana (Rudjer Boskovic Institute)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 17

Type: **talk**

Multihadron production in nuclear and particle interactions

Tuesday, September 21, 2010 5:45 PM (20 minutes)

Primary author: Dr SARKISYAN-GRINBAUM, Edward (Univ. Texas - Arlington/CERN)

Co-author: Dr SAKHAROV, Alexander (CERN)

Presenter: Dr SARKISYAN-GRINBAUM, Edward (Univ. Texas - Arlington/CERN)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 18

Type: **talk**

Highly-anisotropic and strongly-dissipative hydrodynamics for early stages of relativistic heavy-ion collisions

Friday, September 24, 2010 4:25 PM (25 minutes)

Primary author: FLORKOWSKI, Wojciech (Institute of nuclear Physics, Krakow)

Presenter: FLORKOWSKI, Wojciech (Institute of nuclear Physics, Krakow)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 19

Type: **talk**

On the time scale Δt in Bose-Einstein and Fermi-Dirac correlations

Primary author: ALEXANDER, Gideon (High Energy Physics Department-Tel Aviv University)

Presenter: ALEXANDER, Gideon (High Energy Physics Department-Tel Aviv University)

Track Classification: Multiparticle correlations

Contribution ID: 23

Type: **talk**

Forward production of heavy flavour hadrons in p-p collisions and intrinsic charm and bottom in proton

Friday, September 24, 2010 2:15 PM (25 minutes)

Primary author: Prof. LYKASOV, Gennady (Joint Institute for Nuclear Research, Dubna, Russia)

Co-authors: Dr ARTEMENKOV, Denis (Joint Institute for Nuclear Research, Dubna, Russia); Dr BEDNYAKOV, Vadim (Joint Institute for Nuclear Research, Dubna, Russia)

Presenter: Prof. LYKASOV, Gennady (Joint Institute for Nuclear Research, Dubna, Russia)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 25

Type: **talk**

Wilson Loop Decay and Quark Decoloration in QCD Vacuum

Thursday, September 23, 2010 5:40 PM (20 minutes)

Primary author: Prof. KUVSHINOV, Viacheslav (JIPNR-Sosny, Minsk)

Presenter: Prof. KUVSHINOV, Viacheslav (JIPNR-Sosny, Minsk)

Session Classification: Soft Interactions

Track Classification: Techniques in Experiment and Theory

Contribution ID: 26

Type: **talk**

Inclusive cross sections of proton-proton and proton-antiproton scattering

Thursday, September 23, 2010 6:00 PM (20 minutes)

Primary author: Prof. ABRAMOVSKY, Victor (Novgorod State University)

Presenter: Prof. ABRAMOVSKY, Victor (Novgorod State University)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 27

Type: **talk**

Phenomenology with unintegrated parton showers

Tuesday, September 21, 2010 9:40 AM (25 minutes)

Primary author: DEAK, Michal (Institute de Fisica Teorica, UAM Madrid)

Presenter: DEAK, Michal (Institute de Fisica Teorica, UAM Madrid)

Session Classification: High p_T interactions

Track Classification: High p_T interactions

Contribution ID: 28

Type: **talk**

Modelling of low transverse momentum in hadronic interactions

Tuesday, September 21, 2010 4:45 PM (20 minutes)

Primary author: TODOROVA, Sarka (Department of Physics and Astronomy, Tufts U.)

Presenter: TODOROVA, Sarka (Department of Physics and Astronomy, Tufts U.)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 56

Type: **talk**

Understanding RHIC collisions: Modified QCD fragmentation vs quark coalescence from a thermalized flowing medium

Wednesday, September 22, 2010 11:20 AM (25 minutes)

Primary author: Prof. TRAINOR, Thomas A. (University of Washington)

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

Session Classification: Multiparticle correlations

Track Classification: High Density Systems

Contribution ID: 57

Type: **talk**

Low-x pdf from LHCb

Thursday, September 23, 2010 9:30 AM (25 minutes)

Primary author: PEPE-ALTARELLI, Monica (CERN)

Presenter: ANDERSON, Jonathan (Universitaet Zuerich)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 58

Type: **talk**

Light hadron production studies in pp collisions at 0.9 and 7 TeV with the LHCb detector

Wednesday, September 22, 2010 7:00 PM (20 minutes)

Primary author: PEPE-ALTARELLI, Monica (CERN)

Presenter: MURESAN, Raluca (Lab. de Phys. des Hautes Energies (LPHE-IPEP)-Ecole Polytechnique)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Soft Interactions

Contribution ID: 67

Type: **talk**

Forward energy and particle flow with CMS

Thursday, September 23, 2010 11:20 AM (20 minutes)

Primary author: GROTHE, Monika (U Wisconsin)

Presenter: SUNAR CERCI, Deniz (Physics Department-Cukurova University)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 70

Type: **talk**

Measurements of Hadron Production and Underlying Event Studies at CMS

Wednesday, September 22, 2010 8:50 PM (25 minutes)

Primary authors: SUMOROK, Konstanty; GROTHE, Monika (U Wisconsin)

Presenter: PIPARO, Danilo (KIT - Institut für experimentelle Kernphysik)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Soft Interactions

Contribution ID: 72

Type: **talk**

Detecting Elastic pp Scattering by Radiative Photons at the LHC

Tuesday, September 21, 2010 5:25 PM (20 minutes)

Primary authors: Ms GRÖNQVIST, Hanna (Department of Physics, University of Helsinki, Finland); Prof. LÄMSÄ, Jerry W. (Iowa State University, U.S.A.; Helsinki Institute of Physics, University of Helsinki, Finland); Dr RYSKIN, M.G. (Petersburg Nuclear Physics Institute, Russia); Prof. MURRAY, Michael (Department of Physics and Astronomy, University of Kansas, U.S.); Prof. ORAVA, Risto (Department of Physics, University of Helsinki, Finland; Helsinki Institute of Physics, University of Helsinki, Finland); Prof. KHOZE, V.K. (Durham University, U.K.)

Presenter: Ms GRÖNQVIST, Hanna (Department of Physics, University of Helsinki, Finland)

Session Classification: Soft Interactions

Track Classification: Techniques in Experiment and Theory

Contribution ID: 73

Type: **talk**

Limiting fragmentation in electron-positron annihilation, in deep inelastic electron-proton scattering and proton-antiproton collision

Tuesday, September 21, 2010 3:10 PM (20 minutes)

Primary author: TYMIENIECKA, Teresa (Institute for Nuclear Studies)

Presenter: TYMIENIECKA, Teresa (Institute for Nuclear Studies)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 74

Type: **talk**

Results from the Pierre Auger Observatory

Thursday, September 23, 2010 10:25 AM (25 minutes)

Primary author: Dr RODRIGUEZ, Gonzalo (Universidad Santiago de Compostela)

Presenter: Dr RODRIGUEZ, Gonzalo (Universidad Santiago de Compostela)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 79

Type: **talk**

Heavy ions at LHC energies: predictions for net-baryon distributions

Friday, September 24, 2010 4:50 PM (25 minutes)

Primary authors: WOLSCHIN, Georg (Heidelberg University); Dr MEHTAR-TANI, Yacine (Universidade de Santiago de Compostela)

Presenter: WOLSCHIN, Georg (Heidelberg University)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: **80**

Type: **talk**

Measuring the thermalization time

Friday, September 24, 2010 6:00 PM (20 minutes)

Primary author: BOZEK, Piotr (Rzeszow University/ INP Krakow)

Co-author: WYSKIEL-PIEKARSKA, Iwona (INP Krakow)

Presenter: BOZEK, Piotr (Rzeszow University/ INP Krakow)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: **81**

Type: **talk**

Probing nonlinearity of semi-macroscopic vacuum by second harmonic generation with intense laser fields

Friday, September 24, 2010 11:55 AM (20 minutes)

Primary author: Prof. HOMMA, Kensuke (Hiroshima University / Ludwig-Maximilians-Universitaet)

Co-authors: Prof. HABS, Dieter (Ludwig-Maximilians-Universitaet); Prof. TAJIMA, Toshiki (Ludwig-Maximilians-Universitaet)

Presenter: Prof. HOMMA, Kensuke (Hiroshima University / Ludwig-Maximilians-Universitaet)

Session Classification: Techniques in Experiment and Theory

Track Classification: Techniques in Experiment and Theory

Contribution ID: **82**

Type: **talk**

Top quark phenomenology

Tuesday, September 21, 2010 11:45 AM (20 minutes)

Primary author: FREDERIX, Rikkert (University of Zurich)

Presenter: FREDERIX, Rikkert (University of Zurich)

Session Classification: High p_T interactions

Track Classification: High p_T interactions

Contribution ID: 83

Type: **talk**

Fluctuating initial conditions in hydrodynamics for two-particle correlations

Wednesday, September 22, 2010 10:00 AM (25 minutes)

Primary author: Prof. HAMA, Yojiro (University of São Paulo)

Co-authors: Dr GRASSI, Frédérique (University of São Paulo); Mr ANDRADE, Rone Peterson (University of São Paulo); Dr QIAN, Wei-Liang (Federal University of Ouro Preto)

Presenter: Prof. HAMA, Yojiro (University of São Paulo)

Session Classification: Multiparticle correlations

Track Classification: Multiparticle correlations

Contribution ID: **84**

Type: **talk**

Boost-invariant one-tube model for two-particle correlation

Thursday, September 23, 2010 3:25 PM (20 minutes)

Primary author: Ms ANDRADE, Rone (Universidade de São Paulo (USP))

Co-authors: Prof. GRASSI, Frederique (Universidade de São Paulo (USP)); Prof. QIAN, Wei-Liang (Universidade de São Paulo (USP)); Prof. HAMA, Yojiro (Universidade de São Paulo (USP))

Presenter: Ms ANDRADE, Rone (Universidade de São Paulo (USP))

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 85

Type: **talk**

In-medium η' mass reduction from Bose-Einstein correlation data in $\sqrt{s(NN)}=200$ GeV Au+Au collisions at RHIC

Wednesday, September 22, 2010 10:25 AM (25 minutes)

Primary author: Prof. CSORGO, Tamas (Harvard University)

Co-authors: Dr SZIKLAI, Janos (MTA KFKI RMKI); Mr VERTESI, Robert (MTA KFKI RMKI)

Presenter: Prof. CSORGO, Tamas (Harvard University)

Session Classification: Multiparticle correlations

Track Classification: Multiparticle correlations

Contribution ID: 90

Type: **talk**

Systematic study of inclusive hadron production spectra in collider experiments

Tuesday, September 21, 2010 6:05 PM (20 minutes)

Primary author: Dr ROSTOVTSEV, Andrei (ITEP Institute for Theoretical and Experimental Physics (ITEP)-U)

Co-author: Mr BYLINKIN, Alexander (ITEP)

Presenter: Dr ROSTOVTSEV, Andrei (ITEP Institute for Theoretical and Experimental Physics (ITEP)-U)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: 91

Type: **talk**

Measurements of two-particle correlations in pp collisions with the CMS detector

Wednesday, September 22, 2010 7:40 PM (25 minutes)

Primary author: GROTHE, Monika (U Wisconsin)

Presenter: Dr JANSSEN, Xavier (University of Antwerpen)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Multiparticle correlations

Contribution ID: 92

Type: **not specified**

Studies of QCD jet production with the CMS detector in pp collisions at $\sqrt{s} = 7$ TeV

Wednesday, September 22, 2010 12:10 PM (25 minutes)

Primary author: GROTHE, Monika (U Wisconsin)

Presenter: KATSAS, Panos (DESY)

Session Classification: Multiparticle correlations

Track Classification: Multiparticle correlations

Contribution ID: 94

Type: **not specified**

Measurements of two-particle correlations in pp collisions at $\sqrt{s} = 900$ GeV with the ALICE experiment

Wednesday, September 22, 2010 7:20 PM (20 minutes)

Primary author: MERCADO-PEREZ, Jorge (Ruprecht-Karls-Universitat Heidelberg)

Presenter: MERCADO-PEREZ, Jorge (Ruprecht-Karls-Universitat Heidelberg)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Multiparticle correlations

Contribution ID: 95

Type: **talk**

Measurement of the energy dependence of the total photoproduction cross section

Thursday, September 23, 2010 5:00 PM (20 minutes)

Primary author: LEVY, Aharon (DESY)

Presenter: STERN, Amir (Tel Aviv University)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: **103**

Type: **talk**

Multiparton interactions in ep scattering at HERA

Tuesday, September 21, 2010 3:55 PM (20 minutes)

Primary author: LEVY, Aharon (DESY)

Presenter: JUNG, Hannes (DESY)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: **109**

Type: **talk**

Five remarks on multiparticle correlations

Wednesday, September 22, 2010 9:00 AM (35 minutes)

Primary author: Prof. BIALAS, Andrzej (Inst. Nucl. Phys. PAS, Krakow)

Presenter: Prof. BIALAS, Andrzej (Inst. Nucl. Phys. PAS, Krakow)

Session Classification: Multiparticle correlations

Track Classification: Multiparticle correlations

Contribution ID: **110**

Type: **talk**

Transverse and longitudinal dynamics at RHIC

Friday, September 24, 2010 3:35 PM (20 minutes)

Primary author: Dr STASZEL, Pawel (Jagiellonian University)

Presenter: Dr STASZEL, Pawel (Jagiellonian University)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: **111**

Type: **talk**

Higgs searches at the LHC

Saturday, September 25, 2010 10:10 AM (20 minutes)

Primary author: KACZMARSKA FOR THE ATLAS SPEAKERS COMMITTEE, Anna (IFJ PAN, Krakow, Poland)

Presenter: NAKAMURA, Koji (ICEPP, University of Tokyo)

Session Classification: New Physics Summary

Track Classification: New Physics Summary

Contribution ID: 112

Type: **talk**

Searches for physics beyond the Standard Model with ATLAS

Saturday, September 25, 2010 10:30 AM (25 minutes)

Primary author: KACZMARSKA FOR THE ATLAS SPEAKERS COMMITTEE, Anna (IFJ PAN, Krakow, Poland)

Presenter: PENG, Haiping (Department of Physics-University of Wisconsin-Unknown)

Session Classification: New Physics Summary

Track Classification: New Physics Summary

Contribution ID: 113

Type: **talk**

Searches for physics beyond the Standard Model with CMS

Saturday, September 25, 2010 10:55 AM (25 minutes)

Primary authors: Dr SUMOROK, Konstanty; Dr GROTHE, Monika (U Wisconsin)

Presenter: BENUCCI, Leonardo (Universiteit Antwerpen Physics Department-Unknown-Unknown)

Session Classification: New Physics Summary

Track Classification: New Physics Summary

Contribution ID: 115

Type: **talk**

Studies of charged particle correlations and underlying events with the ATLAS detector

Wednesday, September 22, 2010 8:05 PM (20 minutes)

Primary author: Prof. LEFEBVRE, Michel (University of Victoria)

Presenter: BUSZELLO, Claus (Department of Physics and Astronomy-University of Uppsala-Unknown)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Multiparticle correlations

Contribution ID: **118**

Type: **talk**

Recent spectroscopy results from Babar

Tuesday, September 21, 2010 3:30 PM (25 minutes)

Primary authors: GARY, Bill (UC Riverside); RONEY, Michael (University of Victoria); BIASSONI, Pietro (Università degli Studi and INFN Milano); SANTORO, Valentina (SLAC)

Presenter: GARY, Bill (Department of Physics)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: **119**

Type: **not specified**

Overview of diffraction at HERA

Friday, September 24, 2010 2:40 PM (30 minutes)

Primary author: LEVY, Aharon (DESY)

Presenter: POLIFKA, Richard (Charles University in Prague)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 120

Type: **talk**

Overview of diffraction at LHC

Thursday, September 23, 2010 9:55 AM (30 minutes)

Primary authors: KACZMARSKA FOR THE ATLAS SPEAKERS COMMITTEE, Anna (IFJ PAN, Krakow, Poland); LUPARELLO, Grazia (Universita & INFN, Torino); GROTHE, Monika (U Wisconsin)

Presenter: NAVIN, Sparsh (School of Physics and Astronomy-University of Birmingham)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 122

Type: **talk**

Proton structure from HERA to LHC

Tuesday, September 21, 2010 11:20 AM (25 minutes)

Primary author: LEVY, Aharon (DESY)

Presenter: SARKAR, Amanda (University of Oxford)

Session Classification: High p_T interactions

Track Classification: High p_T interactions

Contribution ID: 125

Type: **talk**

Status of chemical equilibrium

Friday, September 24, 2010 5:15 PM (20 minutes)

Primary author: Prof. CLEYMANS, Jean (University of Cape Town)

Co-authors: OESCHLER, Helmut (CERN, Darmstadt); KRAUS, Ingrid (Darmstadt); REDLICH, Krzysztof (CERN, Wroclaw)

Presenter: Prof. CLEYMANS, Jean (University of Cape Town)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 128

Type: **talk**

Tracking and vertexing in ATLAS

Friday, September 24, 2010 12:35 PM (20 minutes)

Primary authors: KACZMARSKA FOR THE ATLAS SPEAKERS COMMITTEE, Anna (IFJ PAN, Krakow, Poland); Dr KOLLAR, Daniel (CERN); Dr MARTI I GARCIA, Salvador (IFIC-Valencia)

Presenter: COOPER, Ben (Queen Mary University of London)

Session Classification: Techniques in Experiment and Theory

Track Classification: Techniques in Experiment and Theory

Contribution ID: **129**

Type: **talk**

Track jets and jet shape studies with the ATLAS detector

Wednesday, September 22, 2010 11:45 AM (25 minutes)

Primary author: ZENZ, Seth (LBNL and UC Berkeley)

Presenter: ZENZ, Seth (LBNL and UC Berkeley)

Session Classification: Multiparticle correlations

Track Classification: Multiparticle correlations

Contribution ID: 131

Type: **talk**

NLO-CGC phenomenology in e+A, p+A and A+A collisions

Friday, September 24, 2010 9:20 AM (25 minutes)

Primary author: ALBACETE, Javier (Institut de Physique Theorique - CEA/Saclay)

Presenter: ALBACETE, Javier (Institut de Physique Theorique - CEA/Saclay)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 132

Type: **talk**

P- and CP-odd effects in hot and dense matter

Friday, September 24, 2010 9:00 AM (20 minutes)

Primary author: WARRINGA, Harmen (Johann Wolfgang Goethe-University)

Presenter: WARRINGA, Harmen (Johann Wolfgang Goethe-University)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 133

Type: **talk**

Recent PID, v1 and hydrodynamic measurements at STAR

Friday, September 24, 2010 5:35 PM (25 minutes)

Primary author: TANG, Aihong (Brookhaven National Laboratory)

Presenter: TANG, Aihong (Brookhaven National Laboratory)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 134

Type: **talk**

Recent PHENIX heavy-ion results

Thursday, September 23, 2010 3:45 PM (25 minutes)

Primary author: VALE, Carla (Brookhaven National Laboratory)

Presenter: VALE, Carla (Brookhaven National Laboratory)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 135

Type: **talk**

AdS/CFT approaches to problems in relativistic heavy-ion collisions

Thursday, September 23, 2010 3:00 PM (25 minutes)

Primary author: NORONHA, Jorge (Columbia University)

Presenter: NORONHA, Jorge (Columbia University)

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: 136

Type: **talk**

Studies of particle production in inelastic pp events with the ATLAS detector

Wednesday, September 22, 2010 8:25 PM (25 minutes)

Primary authors: KACZMARSKA FOR THE ATLAS SPEAKERS COMMITTEE, Anna (IFJ PAN, Krakow, Poland); Prof. LEFEBVRE, Michel (University of Victoria)

Presenter: Mr WYNNE, Benjamin Michael (University of Edinburgh)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Soft Interactions

Contribution ID: 137

Type: **talk**

High pT interactions: introduction

Tuesday, September 21, 2010 9:10 AM (30 minutes)

Presenter: GRAZZINI, Massimiliano (CERN)

Session Classification: High pT interactions

Track Classification: High p_T interactions

Contribution ID: 138

Type: **talk**

Multiple interactions, diffraction, and the BFKL pomeron

Thursday, September 23, 2010 12:25 PM (25 minutes)

Presenter: GUSTAFSON, Gosta (Lund University)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: **139**

Type: **talk**

Hard diffraction

Thursday, September 23, 2010 12:05 PM (20 minutes)

Primary author: Dr ENBERG, Rikard (Uppsala University)

Presenter: Dr ENBERG, Rikard (Uppsala University)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: **140**

Type: **talk**

Forward energy and particle flow with LHCf

Thursday, September 23, 2010 11:40 AM (25 minutes)

Primary author: Dr BONECHI, Lorenzo

Presenter: Dr BONECHI, Lorenzo

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 142

Type: **talk**

Higgs searches at the TEVATRON

Saturday, September 25, 2010 9:25 AM (25 minutes)

Presenter: SAFONOV, Alexei (Texas A&M University)

Session Classification: New Physics Summary

Track Classification: New Physics Summary

Contribution ID: 143

Type: **talk**

Theory introduction

Saturday, September 25, 2010 9:00 AM (25 minutes)

Presenter: FIELD, Richard D.

Session Classification: New Physics Summary

Track Classification: New Physics Summary

Contribution ID: 144

Type: **talk**

Developments on unintegrated PDFs

Thursday, September 23, 2010 12:50 PM (20 minutes)

Primary author: Dr CHEREDNIKOV, Igor (Dubna & INFN)

Presenter: Dr CHEREDNIKOV, Igor (Dubna & INFN)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 146

Type: **talk**

Diffraction event classification at the LHC - CANCELLED

Friday, September 24, 2010 12:15 PM (1 minute)

Primary author: Prof. ORAVA, Risto (University of Helsinki)

Presenter: Prof. ORAVA, Risto (University of Helsinki)

Session Classification: Techniques in Experiment and Theory

Track Classification: Techniques in Experiment and Theory

Contribution ID: 147

Type: **talk**

High pT EWK and QCD results from ATLAS

Tuesday, September 21, 2010 10:05 AM (25 minutes)

Primary author: KACZMARSKA FOR THE ATLAS SC, Anna (IFJ PAN, Krakow, Poland)

Presenter: ALONSO, Alejandro (University of Lund-Unknown-Unknown)

Session Classification: High pT interactions

Track Classification: High p_T interactions

Contribution ID: 148

Type: **talk**

High pT EWK and QCD results from CMS

Tuesday, September 21, 2010 12:05 PM (20 minutes)

Presenter: MAGNAN, Anne-Marie (Imperial College London)

Session Classification: High pT interactions

Track Classification: High p_T interactions

Contribution ID: 149

Type: **talk**

Recent developments in NLO QCD calculations

Tuesday, September 21, 2010 10:30 AM (20 minutes)

Primary author: Dr WOREK, Malgorzata (Bergische Universitaet Wuppertal)

Presenter: Dr WOREK, Malgorzata (Bergische Universitaet Wuppertal)

Session Classification: High p_T interactions

Track Classification: High p_T interactions

Contribution ID: **150**

Type: **not specified**

ISMD 2011

Saturday, September 25, 2010 1:20 PM (15 minutes)

Session Classification: Closing

Contribution ID: **151**

Type: **not specified**

Closing remarks

Saturday, September 25, 2010 1:35 PM (5 minutes)

Session Classification: Closing

Contribution ID: 152

Type: **talk**

Heavy flavour and jet production at HERA

Tuesday, September 21, 2010 12:25 PM (25 minutes)

Presenter: BRINKMANN, Martin (DESY)

Session Classification: High p_T interactions

Track Classification: High p_T interactions

Contribution ID: 153

Type: **talk**

Forward Physics and Cosmic Rays: Introduction

Thursday, September 23, 2010 9:00 AM (30 minutes)

Presenter: HAUTMANN, Francesco (Institute of Theoretical Physics)

Session Classification: Forward Physics and Cosmic Rays

Track Classification: Forward Physics and Cosmic Rays

Contribution ID: 154

Type: **talk**

Recent results in lattice QCD

Friday, September 24, 2010 11:20 AM (35 minutes)

Presenter: FODOR, Zoltan (Uni Wuppertal and von Neumann Institute, Wuppertal and Eotvos University)

Session Classification: Techniques in Experiment and Theory

Track Classification: Techniques in Experiment and Theory

Contribution ID: **162**

Type: **talk**

High Density Systems: Introduction

Thursday, September 23, 2010 2:25 PM (35 minutes)

Presenter: MARQUET, Cyrille

Session Classification: High Density Systems

Track Classification: High Density Systems

Contribution ID: **164**

Type: **talk**

Soft Interactions: Introduction

Tuesday, September 21, 2010 2:15 PM (35 minutes)

Presenter: Prof. FIELD, Rick (University of Florida)

Session Classification: Soft Interactions

Track Classification: Soft Interactions

Contribution ID: **166**

Type: **not specified**

Higgs searches at the TEVATRON - TBC

Contribution ID: **167**

Type: **not specified**

Searches for physics beyond the Standard Model at TEVATRON - TBC

Contribution ID: 173

Type: **not specified**

Identified charged hadrons and strange particle production in 900 GeV proton-proton collisions with the ALICE experiment

Wednesday, September 22, 2010 9:15 PM (20 minutes)

Presenter: Dr MISCHKE, Andre (ERC-StG, Institute for Subatomic Physics, Universiteit Utrecht)

Session Classification: Joint soft interactions/multiparticle correlations session on recent LHC results

Track Classification: Soft Interactions

Contribution ID: 174

Type: **not specified**

Searches for physics beyond the standard model at HERA

Saturday, September 25, 2010 9:50 AM (20 minutes)

Presenter: HUETTMANN, Antje

Session Classification: New Physics Summary

Contribution ID: 175

Type: **not specified**

Welcome

Tuesday, September 21, 2010 9:00 AM (10 minutes)

Session Classification: Opening

Contribution ID: 178

Type: **not specified**

Systematic MC tuning at LHC

Friday, September 24, 2010 12:16 PM (19 minutes)

Primary author: HOETH, Hendrik (Durham University)

Presenter: HOETH, Hendrik (Durham University)

Session Classification: Techniques in Experiment and Theory