

XLI International Symposium on Multiparticle Dynamics (ISMD2011)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction to soft interactions and multi-particle correlations

Presenter: Prof. TRAINOR, Tom

Contribution ID: 2

Type: **not specified**

theory overview

Monday 26 September 2011 10:45 (40 minutes)

Presenter: Prof. BASS, Steffen (Duke U.)

Session Classification: High Energy Density QCD

Contribution ID: 3

Type: **not specified**

global event properties (exp.)

Monday 26 September 2011 11:25 (25 minutes)

Presenter: CHUJO, Tatsuya (U. Tsukuba)

Session Classification: High Energy Density QCD

Contribution ID: 4

Type: **not specified**

saturation physics (th.)

Monday 26 September 2011 11:50 (25 minutes)

Presenter: Prof. LOPEZ ALBACETE, Javier

Session Classification: High Energy Density QCD

Contribution ID: 5

Type: **not specified**

J/Psi D0 non-flow (exp.)

Monday 26 September 2011 12:15 (25 minutes)

Presenter: Mr XU, Wenqin

Session Classification: High Energy Density QCD

Contribution ID: 6

Type: **not specified**

Experimental Overview of High Energy Density QCD

Thursday 29 September 2011 14:15 (40 minutes)

Presenter: Prof. HAMAGAKI, Hideki

Session Classification: High Energy Density QCD

Contribution ID: 7

Type: **not specified**

Quarkonium at $T > 0$

Thursday 29 September 2011 15:20 (25 minutes)

Presenter: Dr MORITA, Kenji (YITP, Kyoto)

Session Classification: High Energy Density QCD

Contribution ID: 8

Type: **not specified**

quarkonia (exp.)

Thursday 29 September 2011 15:45 (25 minutes)

Presenter: Prof. GRANIER DE CASSAGNAC, Raphael

Session Classification: High Energy Density QCD

Contribution ID: 9

Type: **not specified**

open heavy flavor (exp.)

Thursday 29 September 2011 14:55 (25 minutes)

Presenter: Dr CROCHET, Philippe

Session Classification: High Energy Density QCD

Contribution ID: **10**

Type: **not specified**

high pT energy loss (th.)

Thursday 29 September 2011 16:30 (25 minutes)

Presenter: Prof. RENK, Thorsten

Session Classification: High Energy Density QCD

Contribution ID: **11**

Type: **not specified**

jet suppression (exp.)

Thursday 29 September 2011 16:55 (25 minutes)

Presenter: Dr SPOUSTA, Martin

Session Classification: High Energy Density QCD

Contribution ID: 12

Type: **not specified**

gauge bosons (exp.)

Thursday 29 September 2011 17:45 (20 minutes)

Presenter: Prof. MIRONOV, Camelia

Session Classification: High Energy Density QCD

Contribution ID: 13

Type: **not specified**

heavy quark energy loss (th.)

Thursday 29 September 2011 17:20 (25 minutes)

Presenter: Prof. GOSSIAUX, Pol-Bernard

Session Classification: High Energy Density QCD

Contribution ID: 14

Type: **not specified**

Make Your Own Okonomiyaki

Tuesday 27 September 2011 14:00 (2 hours)

Session Classification: Excursion (Heart of Hiroshima)

Contribution ID: 15

Type: **not specified**

QCD and Monte Carlo

Thursday 29 September 2011 09:00 (35 minutes)

Presenter: NAGY, Zoltan (DESY)

Session Classification: Hard QCD

Contribution ID: **16**

Type: **not specified**

Jet results from ATLAS

Thursday 29 September 2011 09:35 (25 minutes)

Presenter: SHIMIZU, Shima (CERN)

Session Classification: Hard QCD

Contribution ID: 17

Type: **not specified**

Jet results from CMS

Thursday 29 September 2011 10:00 (25 minutes)

Presenter: HINZMANN, Andreas (RWTH, III. Physik. Inst. A)

Session Classification: Hard QCD

Contribution ID: **18**

Type: **not specified**

Parton density function review

Thursday 29 September 2011 10:25 (25 minutes)

Presenter: Dr GLAZOV, Alexandre (DESY)

Session Classification: Hard QCD

Contribution ID: **19**

Type: **not specified**

Top results from ATLAS and CMS

Thursday 29 September 2011 11:10 (25 minutes)

Presenter: TEMPLE, Jeff (Univ. of Maryland (CMS))

Session Classification: Hard QCD

Contribution ID: 20

Type: **not specified**

Z and W physics from ATLAS and CMS

Thursday 29 September 2011 11:35 (25 minutes)

Presenter: KLEIN, Max (Univ. of Liverpool)

Session Classification: Hard QCD

Contribution ID: **21**

Type: **not specified**

Electroweak and top results from the Tevatron

Thursday 29 September 2011 12:00 (25 minutes)

Presenter: NAGANOMA, Junji (Waseda Univ.)

Session Classification: Hard QCD

Contribution ID: 22

Type: **not specified**

First test of z-scaling in charged hadron and jet production in pp collisions at the LHC

Thursday 29 September 2011 12:25 (20 minutes)

Presenter: TOKAREV, Mikhail (JINR Dubna)

Session Classification: Hard QCD

Contribution ID: 23

Type: **not specified**

Diffraction and forward physics at HERA

Tuesday 27 September 2011 08:30 (20 minutes)

Presenter: YAMAZAKI, Yuji

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 24

Type: **not specified**

Proton-proton elastic scattering cross-section at $\sqrt{s} = 7$ TeV as measured by the CERN LHC experiment TOTEM

Tuesday 27 September 2011 08:50 (20 minutes)

Presenter: CSÖRGÖ, Tamas

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 25

Type: **not specified**

Forward physics results from ATLAS

Tuesday 27 September 2011 09:10 (20 minutes)

Presenter: BROWN, Gareth (University of Manchester)

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 26

Type: **not specified**

Measurement of inelastic, diffractive and exclusive processes in pp collisions with CMS

Tuesday 27 September 2011 09:30 (20 minutes)

Presenter: MARONE, Matteo (Univ. di Trieste e Sez. dell'INFN)

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 27

Type: **not specified**

Measurements of Particle Production in pp Collisions in the Forward Region at the LHC (LHCb)

Tuesday 27 September 2011 09:50 (20 minutes)

Presenter: MURESAN, Raluca

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 28

Type: **not specified**

Forward physics: hard processes and saturation - theory and phenomenology review

Tuesday 27 September 2011 10:30 (35 minutes)

Presenter: KUTAK, Krzysztof (Instytut Fizyki Jadrowej Polskiej Akademii Nauk)

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 29

Type: **not specified**

Studies of very high energy cosmic rays: status, puzzles, and the impact of LHC data

Tuesday 27 September 2011 11:05 (35 minutes)

Presenter: OSTAPCHENKO, Sergey

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 30

Type: **not specified**

Forward photon energy spectrum at 7TeV p-p collisions measured by the LHCf experiment

Tuesday 27 September 2011 11:40 (20 minutes)

Presenter: MENJO, Hiroaki (Nagoya University)

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 31

Type: **not specified**

Forward hadron productions at high energy colliders in CGC framework

Tuesday 27 September 2011 12:00 (20 minutes)

Presenter: FUJII, Hirotugu (Tokyo University)

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 32

Type: **not specified**

Baryon stopping and gluon saturation in heavy-ion collisions at LHC energies

Tuesday 27 September 2011 12:20 (20 minutes)

Presenter: WOLSHIN, Georg

Session Classification: Forward and Diffraction Physics and Cosmic Rays

Contribution ID: 33

Type: **not specified**

Review on soft interaction and multiparticle correlations

Monday 26 September 2011 16:55 (20 minutes)

Presenter: TRAINOR, Tom

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 34

Type: **not specified**

Underlying event studies at CMS

Monday 26 September 2011 17:15 (25 minutes)

Presenter: CHAO, Yuan

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 35

Type: **not specified**

ATLAS results on inelastic pp collisions and the underlying event

Monday 26 September 2011 18:00 (25 minutes)

Presenter: LIMPER, Maaïke

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 36

Type: **not specified**

Measurement of Hadron Production and correlations at CMS

Monday 26 September 2011 17:40 (20 minutes)

Presenter: ROUGNY, Romain

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 37

Type: **not specified**

Phenomenology of the Squeezed Hadronic Correlations at RHIC Energies

Monday 26 September 2011 19:48 (18 minutes)

Presenter: PADULA, Sandra

Session Classification: Recent Developments

Contribution ID: 38

Type: **not specified**

Nuclear geometry and number of collisions: Glauber model and beyond

Presenter: Dr POTASHNIKOVA, Rina

Contribution ID: 39

Type: **not specified**

The effect of temperature dependent η /s to particle anisotropies

Presenter: Ms DENICOL, Gabriel

Contribution ID: 40

Type: **not specified**

First event-by-event fluctuation study in Pb-Pb collision at LHC energy by the ALICE experiment

Monday 26 September 2011 20:24 (18 minutes)

Presenter: JENA, Satyajit

Session Classification: Recent Developments

Contribution ID: 41

Type: **not specified**

Neutral pion number fluctuations

Monday 26 September 2011 20:42 (18 minutes)

Presenter: KOKOULINA, Elena

Session Classification: Recent Developments

Contribution ID: 42

Type: **not specified**

Mutual boosting of the saturation bound in colliding nuclei

Monday 26 September 2011 20:06 (18 minutes)

Presenter: KOPELIOVICH, Boris

Session Classification: Recent Developments

Contribution ID: 43

Type: **not specified**

Transport coefficients of the second order hydrodynamics and the applicability of hydrodynamic

Presenter: Prof. MUROYA, Shin

Contribution ID: 44

Type: **not specified**

Recent BABAR Studies of Quarkonium states

Presenter: TO BE APPOINTED

Contribution ID: 45

Type: **not specified**

Viscosity vs Causality

Presenter: MOCSY, Agnes

Contribution ID: 46

Type: **not specified**

BEC from "small sources" to heavy-ions

Wednesday 28 September 2011 08:30 (20 minutes)

Presenter: CSÖRGÖ, Tamas

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 47

Type: **not specified**

BEC in e^+e^- collisions

Wednesday 28 September 2011 08:50 (20 minutes)

Presenter: METZGER, Wes

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 48

Type: **not specified**

Bose-Einstein correlations in pp collisions measured at LHC with CMS

Wednesday 28 September 2011 09:10 (20 minutes)

Presenter: PADULA, Sandra

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 49

Type: **not specified**

Femtoscopy for relativistic heavy ion collisions

Wednesday 28 September 2011 09:30 (25 minutes)

Presenter: ENOKIZONO, Akitomo

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 50

Type: **not specified**

Eccentricity and elliptic flow in pp at LHC

Wednesday 28 September 2011 09:55 (25 minutes)

Presenter: HATTA, Yoshitaka

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 51

Type: **not specified**

The radius of valence charges in the nucleon and harmonic moments of the density distribution of produced gluons in AA collisions

Wednesday 28 September 2011 11:05 (25 minutes)

Presenter: NARA, Yasushi

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 52

Type: **not specified**

Hydrodynamical evolution of harmonic moments of the density distribution and final-state flow

Wednesday 28 September 2011 10:40 (25 minutes)

Presenter: SORENSEN, Paul

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 53

Type: **not specified**

RHIC flow and correlation

Wednesday 28 September 2011 11:30 (25 minutes)

Presenter: MASUI, Hiroshi

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 54

Type: **not specified**

Anisotropic flow and other collective phenomena measured in Pb-Pb collisions with ALICE at the LHC

Wednesday 28 September 2011 11:55 (25 minutes)

Presenter: SELYUZHENKOV, Ilya

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 55

Type: **not specified**

The "soft ridge" – is it initial-state geometry or modified jets?

Wednesday 28 September 2011 14:15 (20 minutes)

Presenter: TRAINOR, Tom

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 56

Type: **not specified**

On the origin of the trigger-angle dependence of ridge structure

Wednesday 28 September 2011 14:35 (20 minutes)

Presenter: HAMA, Yogiro

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 57

Type: **not specified**

Flow and eccentricity correlation in Fluctuating Initial Conditions

Wednesday 28 September 2011 19:28 (18 minutes)

Presenter: MOTA, Philipe

Session Classification: Recent Developments

Contribution ID: 58

Type: **not specified**

Fluctuation in Initial Conditions and Anisotropic Flows

Wednesday 28 September 2011 19:46 (18 minutes)

Presenter: GARDIM, Fernando

Session Classification: Recent Developments

Contribution ID: 59

Type: **not specified**

Forward-backward flow correlations in relativistic heavy ion collisions

Wednesday 28 September 2011 20:04 (18 minutes)

Presenter: BRONIOWSKI, Wojciech

Session Classification: Recent Developments

Contribution ID: **60**

Type: **not specified**

Femtoscopic Correlations and Resonance Formation

Wednesday 28 September 2011 21:16 (18 minutes)

Presenter: SUMBERA, Michal

Session Classification: Recent Developments

Contribution ID: **61**

Type: **not specified**

First test of z-scaling in pp collisions

Presenter: TOKAREV, Mikhail

Contribution ID: 62

Type: **not specified**

Could dense quark matter be a source of super high energy cosmic rays?

Wednesday 28 September 2011 21:34 (18 minutes)

Presenter: SULEYMANOV, Mais

Session Classification: Recent Developments

Contribution ID: 63

Type: **not specified**

Onset of deconfinement and search for the critical point of strongly interacting matter at CERN SPS energies

Monday 26 September 2011 14:10 (20 minutes)

Presenter: STEFANEK, Grzegorz

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 64

Type: **not specified**

The NA61/SHINE Physics Program - first results and future

Presenter: CZOPOWICZ, Tobiasz

Contribution ID: 65

Type: **not specified**

The effect of temperature dependent η /s to particle anisotropies

Wednesday 28 September 2011 20:22 (18 minutes)

Presenter: DENICOL, Gabriel

Session Classification: Recent Developments

Contribution ID: 66

Type: **not specified**

Transport coefficients of the second order hydrodynamics and the applicability of hydrodynamic

Wednesday 28 September 2011 20:40 (18 minutes)

Presenter: MUROYA, Shin

Session Classification: Recent Developments

Contribution ID: 67

Type: **not specified**

Viscosity vs Causality

Wednesday 28 September 2011 20:58 (18 minutes)

Presenter: MOCSY, Agnes

Session Classification: Recent Developments

Contribution ID: **68**

Type: **not specified**

Nuclear geometry and number of collisions: Glauber model and beyond

Wednesday 28 September 2011 19:10 (18 minutes)

Presenter: POTASHNIKOVA, Irina

Session Classification: Recent Developments

Contribution ID: 69

Type: **not specified**

Measurements of forward energy flow and forward jet production with CMS

Monday 26 September 2011 19:30 (18 minutes)

Presenter: MALEK, Magdalena

Session Classification: Recent Developments

Contribution ID: 70

Type: **not specified**

Higgs and beyond the standard model at the TEVATRON

Friday 30 September 2011 09:00 (25 minutes)

Presenter: TAKAHASHI, Maiko

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 71

Type: **not specified**

Higgs and beyond the standard model in CMS

Friday 30 September 2011 09:25 (25 minutes)

Presenter: SCHOTT, Gregory

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 72

Type: **not specified**

Higgs and beyond the standard model in ATLAS

Friday 30 September 2011 09:50 (25 minutes)

Presenter: BINI, Cesare

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 73

Type: **not specified**

Theoretical review on Higgs and related issues

Friday 30 September 2011 08:30 (30 minutes)

Presenter: OKADA, Yasuhiro

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 74

Type: **not specified**

Physics with tau leptons in ATLAS

Friday 30 September 2011 10:15 (20 minutes)

Presenter: DHALIWAL, Saminder

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 75

Type: **not specified**

Search for New Physics using Events with b-tagged Jets and Missing Energy in pp Collisions at 7 TeV

Friday 30 September 2011 10:55 (20 minutes)

Presenter: GARY, Bill

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 76

Type: **not specified**

Searches for Light New Physics with BABAR

Friday 30 September 2011 11:15 (20 minutes)

Presenter: CHOI, Herve

Session Classification: Higgs and beyond the Standard Model

Contribution ID: 77

Type: **not specified**

Opportunities of fundamental physics at high-intensity laser facilities

Wednesday 28 September 2011 15:15 (25 minutes)

Presenter: HOMMA, Kensuke

Session Classification: High Field Science by High-Intensity Lasers

Contribution ID: 78

Type: **not specified**

Vacuum polarization and radiation in high-intensity laser fields

Presenter: RUHL, Hartmut

Contribution ID: 79

Type: **not specified**

Known unknowns and unknown unknowns: astronomy vs. physics

Wednesday 28 September 2011 17:30 (35 minutes)

Presenter: SUTO, Yasushi

Session Classification: High Field Science by High-Intensity Lasers

Contribution ID: **80**

Type: **not specified**

Probing dark energy with high-intensity laser fields

Wednesday 28 September 2011 16:30 (25 minutes)

Presenter: FUJII, Yasunori

Session Classification: High Field Science by High-Intensity Lasers

Contribution ID: **81**

Type: **not specified**

Laser technologies and the combined applications toward vacuum physics

Wednesday 28 September 2011 16:55 (35 minutes)

Presenter: KANDO, Masaki

Session Classification: High Field Science by High-Intensity Lasers

Contribution ID: **82**

Type: **not specified**

Phase diagram and heavy-ion collisions: Overview

Monday 26 September 2011 08:40 (35 minutes)

Author: OHNISHI, Akira

Presenter: OHNISHI, Akira

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 83

Type: **not specified**

Signposting the phase diagram of QCD

Monday 26 September 2011 09:15 (25 minutes)

Author: GUPTA, Sourendu

Presenter: GUPUTA, Sourendu

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 84

Type: **not specified**

Chiral Magnetic Effect – Impact of the Strong Magnetic Field in the Heavy-Ion Collision

Monday 26 September 2011 09:40 (25 minutes)

Author: FUKUSHIMA, Kenji

Presenter: FUKUSHIMA, Kenji

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 85

Type: **not specified**

Axial Anomaly Mismatched Fermi Surfaces and Vector Interaction in Dense Neutral Quark Matter

Monday 26 September 2011 10:05 (20 minutes)

Author: KUNIHIO, Teiji

Presenter: KUNIHIO, Teiji

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 86

Type: **not specified**

The RHIC Beam Energy Scan: A Study of the QCD Phase Diagram and Search for the Critical Point

Monday 26 September 2011 14:50 (25 minutes)

Author: CEBRA, Daniel

Presenter: CEBRA, Daniel

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 87

Type: **not specified**

NA61 experiment, critical point search

Monday 26 September 2011 14:30 (20 minutes)

Author: CZOPOWICZ, T.

Presenter: CZOPOWICZ, Tobiasz

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: **88**

Type: **not specified**

SPS, critical point search

Author: STEFANEK, G.

Contribution ID: **89**

Type: **not specified**

Photon Measurements in Heavy Ion Collisions

Monday 26 September 2011 15:15 (20 minutes)

Author: YAMAGUCHI, Yorito

Presenter: YAMAGUCHI, Yorito

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: **90**

Type: **not specified**

X, Y , Z particles from Belle

Monday 26 September 2011 15:35 (35 minutes)

Author: OLSEN, Steve

Presenter: OLSEN, Steve

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: **91**

Type: **not specified**

Multiquark interactions in NJL based model

Monday 26 September 2011 16:10 (25 minutes)

Authors: BLIN, Alex H.; HILLER, Brigitte

Presenter: HILLER, Brigitte

Session Classification: QCD Phase Diagram and Related Topics

Contribution ID: 92

Type: **not specified**

Axial Anomaly, Mismatched Fermi Surfaces and Vector Interaction in Dense Neutral Quark Matter

Authors: KUNIHIRO, Teiji; ZHANG, Zhao

Presenter: ZHANG, Zhao

Contribution ID: 93

Type: **not specified**

A: Atomic-Bomb Dome and Peace Memorial Park

Tuesday 27 September 2011 16:30 (1h 30m)

Session Classification: Excursion (Heart of Hiroshima)

Contribution ID: 94

Type: **not specified**

B: Japanese Garden Shukkeien

Tuesday 27 September 2011 16:30 (1h 30m)

Session Classification: Excursion (Heart of Hiroshima)

Contribution ID: 95

Type: **not specified**

Dihadron correlations in pp and PbPb collisions

Wednesday 28 September 2011 12:20 (25 minutes)

Presenter: KIM, Ji Hyun

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: 96

Type: **not specified**

Experimental summary

Friday 30 September 2011 11:35 (35 minutes)

Presenter: AKIBA, Yasuyuki

Session Classification: Summary for Experiments

Contribution ID: 97

Type: **not specified**

Correlations and Fluctuations in the Initial State of high energy Heavy Ion Collisions

Wednesday 28 September 2011 14:55 (20 minutes)

Presenter: FLENSBURG, Christoffer

Session Classification: Soft Interaction and Multiparticle Correlations

Contribution ID: **98**

Type: **not specified**

Theoretical summary

Friday 30 September 2011 12:10 (35 minutes)

Presenter: DUMITRU, Adrian

Session Classification: Summary for Theories

Contribution ID: 99

Type: **not specified**

Opening Remark

Monday 26 September 2011 08:30 (10 minutes)

Presenter: Prof. YAMANE, Yasuo

Session Classification: Opening Remark