

**2014 Long-range plan Joint
Town Meetings on QCD at
Temple University**

Report of Contributions

Contribution ID: **0**

Type: **not specified**

test

Contribution ID: 1

Type: **not specified**

Opening remarks / Local organizing committee

Presenter: Prof. SURROW, Bernd (Temple University)

Contribution ID: 2

Type: **not specified**

Opening remarks / Program committee

Presenter: Prof. HEINZ, Uli (Ohio State University)

Contribution ID: 3

Type: **not specified**

Opening remarks / Local organizing committee

Saturday, 13 September 2014 08:30 (15 minutes)

Presenter: Prof. SPARVERIS, Nikos (Temple University)

Session Classification: QCD and Hadron Physics / Opening

Contribution ID: 4

Type: **not specified**

Welcome Address by Temple University President

Presenter: Dr THEOBALD, Neil (Temple University)

Contribution ID: 5

Type: **not specified**

Opening remarks / Program committee

Saturday, 13 September 2014 08:45 (15 minutes)

Presenters: Dr ROBERTS, Craig (ANL); Prof. GAO, Haiyan (Duke University)

Session Classification: QCD and Hadron Physics / Opening

Contribution ID: 6

Type: **not specified**

Opening remarks / Local organizing committee

Saturday, 13 September 2014 08:30 (15 minutes)

Presenter: Prof. SURROW, Bernd (Temple University)

Session Classification: Phases of QCD Matter / Opening

Contribution ID: 7

Type: **not specified**

Opening remarks / Program committee

Saturday, 13 September 2014 08:45 (15 minutes)

Presenters: Dr SORENSEN, Paul (BNL); Prof. HEINZ, Ulrich (Ohio State University)

Session Classification: Phases of QCD Matter / Opening

Contribution ID: 8

Type: **not specified**

Open questions in theory, why they are interesting, what tools we have to address them

Saturday, 13 September 2014 09:00 (30 minutes)

Presenter: Prof. RAJAGOPAL, Krishna (MIT)

Session Classification: Phases of QCD Matter / Theory Overview

Contribution ID: 9

Type: **not specified**

Lattice QCD for RHIC and LHC: From now to the next decade

Saturday, 13 September 2014 09:45 (30 minutes)

Presenter: Dr MUKHERJEE, Swagato (BNL)

Session Classification: Phases of QCD Matter / Theory Overview

Contribution ID: **10**

Type: **not specified**

The standard model for QGP evolution: Theoretical status and future

Saturday, 13 September 2014 11:00 (30 minutes)

Presenter: Dr SCHENKE, Bjoern (BNL)

Session Classification: Phases of QCD Matter / QGP evolution, EOS and transport properties

Contribution ID: 11

Type: **not specified**

The standard model for QGP evolution: Experimental status and future

Saturday, 13 September 2014 11:45 (30 minutes)

Presenter: Prof. SNELLINGS, Raimond (Utrecht University)

Session Classification: Phases of QCD Matter / QGP evolution, EOS and transport properties

Contribution ID: 12

Type: **not specified**

BES I Results, Motivation for BES II, Future Facilities

Saturday, 13 September 2014 13:30 (30 minutes)

Presenter: Prof. CEBRA, Daniel (UC Davis)

Session Classification: Phases of QCD Matter / BES and QCD Phase Diagram

Contribution ID: 13

Type: **not specified**

Studying the QCD Phase Diagram via BES

Saturday, 13 September 2014 14:10 (20 minutes)

Presenter: Prof. STEPHANOV, Mikhail (University of Illinois at Chicago)

Session Classification: Phases of QCD Matter / BES and QCD Phase Diagram

Contribution ID: 14

Type: **not specified**

Dynamical modeling at low collision energy and high μ_b

Saturday, 13 September 2014 14:30 (20 minutes)

Presenter: Prof. PETERSEN, Hannah (Frankfurt Institute For Advanced Studies)

Session Classification: Phases of QCD Matter / BES and QCD Phase Diagram

Contribution ID: 15

Type: **not specified**

Community Input (Hot QCD related)

Contribution ID: **16**

Type: **not specified**

Theory: Unique opportunities in p+A collisions at RHIC and LHC

Presenter: Dr KANG, Zhong-Bo (Los Alamos National Laboratory)

Contribution ID: 17

Type: **not specified**

p+A experiments at RHIC and the LHC and related upgrades

Presenter: Prof. LAJOIE, John (University of Iowa)

Contribution ID: **18**

Type: **not specified**

Opportunities for RHIC Spin in the Coming Decade

Presenter: Dr ASCHENAUER, Elke (BNL)

Contribution ID: 19

Type: **not specified**

Probing properties of QGP with jets at RHIC and LHC: a theoretical perspective

Monday, 15 September 2014 08:30 (20 minutes)

Presenter: Dr WANG, Xin-Nian (LBNL)

Session Classification: Phases of QCD Matter / Jet studies of QCD matter

Contribution ID: 20

Type: **not specified**

Jet studies at LHC & RHIC now and tomorrow

Monday, 15 September 2014 09:00 (20 minutes)

Presenter: Prof. ROLAND, Gunther (MIT)

Session Classification: Phases of QCD Matter / Jet studies of QCD matter

Contribution ID: 21

Type: **not specified**

What jets studies at RHIC can tell us about QGP properties

Monday, 15 September 2014 09:30 (20 minutes)

Presenter: Prof. NAGLE, Jamie (University of Colorado)

Session Classification: Phases of QCD Matter / Jet studies of QCD matter

Contribution ID: 22

Type: **not specified**

Experimental summary of the next decade with heavy quarks and quarkonium

Monday, 15 September 2014 10:20 (20 minutes)

Presenter: Dr RUAN, Lijuan (BNL)

Session Classification: Phases of QCD Matter / Heavy quarks and quarkonium as a probe of the QGP

Contribution ID: 23

Type: **not specified**

Theory: what we know about the QGP from HQ and what we can still learn

Monday, 15 September 2014 10:50 (20 minutes)

Presenter: Prof. TEANEY, Derek (Stony Brook University)

Session Classification: Phases of QCD Matter / Heavy quarks and quarkonium as a probe of the QGP

Contribution ID: 24

Type: **not specified**

Community Input

Contribution ID: 25

Type: **not specified**

WP discussion and draft recommendations

Monday, 15 September 2014 14:00 (2 hours)

Session Classification: Phases of QCD Matter /WP discussion and draft recommendations

Contribution ID: 26

Type: **not specified**

Community Input

Contribution ID: 27

Type: **not specified**

Vote on recommendations and structure of WP, Writing assignments

Monday, 15 September 2014 16:30 (1 hour)

Session Classification: Phases of QCD Matter / More WP discussion

Contribution ID: **28**

Type: **not specified**

Welcome Address by Temple University President

Saturday, 13 September 2014 16:05 (10 minutes)

Presenter: Dr THEOBALD, Neil (Temple University)

Session Classification: Joint Session

Contribution ID: 29

Type: **not specified**

Nuclear Theory since 2007 and for the next decade: An overview

Saturday, 13 September 2014 16:15 (30 minutes)

Presenter: Prof. KAPLAN, David (Institute For Nuclear Theory)

Session Classification: Joint Session

Contribution ID: **30**

Type: **not specified**

Highlights from QCD and Hadron Physics since 2007

Saturday, 13 September 2014 16:55 (20 minutes)

Presenter: Dr ENT, Rolf (JLab)

Session Classification: Joint Session

Contribution ID: **31**

Type: **not specified**

Vision for QCD and Hadron Physics

Saturday, 13 September 2014 17:15 (20 minutes)

Presenter: Prof. MAKINS, Naomi (University of Illinois at Urbana-Champaign)

Session Classification: Joint Session

Contribution ID: **32**

Type: **not specified**

Discussion

Saturday, 13 September 2014 17:35 (10 minutes)

Session Classification: Joint Session

Contribution ID: 33

Type: **not specified**

RHIC and LHC Overview: Where are we? Where are we going?

Saturday, 13 September 2014 17:45 (40 minutes)

Presenter: Prof. ZAJC, Bill (Columbia University)

Session Classification: Joint Session

Contribution ID: **34**

Type: **not specified**

Why we need an EIC: a view from 30,000 feet

Saturday, 13 September 2014 18:45 (20 minutes)

Presenter: Prof. MUELLER, Berndt (BNL / Duke University)

Session Classification: Joint Session

Contribution ID: 35

Type: **not specified**

Why we need an EIC: a view from 10,000 meters

Saturday, 13 September 2014 19:05 (20 minutes)

Presenter: Prof. MCKEOWN, Bob (JLab)

Session Classification: Joint Session

Contribution ID: **36**

Type: **not specified**

Discussion

Saturday, 13 September 2014 19:25 (35 minutes)

Session Classification: Joint Session

Contribution ID: 37

Type: **not specified**

Theoretical issues in Nucleon Structure

Sunday, 14 September 2014 08:30 (30 minutes)

Presenter: Prof. Ji, Xiangdong (University of Maryland)

Session Classification: Joint Session

Contribution ID: **38**

Type: **not specified**

Probing Nucleon Structure at an EIC

Sunday, 14 September 2014 09:00 (30 minutes)

Presenter: Prof. MEZIANI, Zein-Eddine (Temple University)

Session Classification: Joint Session

Contribution ID: 39

Type: **not specified**

Probing the properties of QCD with atomic nuclei: theoretical aspects

Sunday, 14 September 2014 09:30 (30 minutes)

Presenter: Prof. KOVCHEGOV, Yuri (Ohio State University)

Session Classification: Joint Session

Contribution ID: 40

Type: **not specified**

Probing the properties of QCD with atomic nuclei: experimental aspects

Sunday, 14 September 2014 10:00 (30 minutes)

Presenter: Dr ULLRICH, Thomas (BNL)

Session Classification: Joint Session

Contribution ID: 41

Type: **not specified**

Discussion

Sunday, 14 September 2014 10:30 (30 minutes)

Session Classification: Joint Session

Contribution ID: 42

Type: **not specified**

Community inputs and discussions about EIC

Presenters: Prof. JACAK, Barbara (Stony Brook University); Prof. HYDE, Charles (ODU); Dr WEISS, Christian (JLab); Dr AVAKIAN, Harut (JLab)

Contribution ID: 43

Type: **not specified**

Joint Session / Discussion about EIC part of the white paper writing and assignments - Part II

Sunday, 14 September 2014 13:40 (1h 5m)

Session Classification: Joint Session / EIC White paper discussion

Contribution ID: 44

Type: **not specified**

Report from Computational Nuclear Physics Town Meeting

Sunday, 14 September 2014 14:45 (15 minutes)

Presenter: Dr PETRECZKY, Peter (BNL)

Session Classification: Joint Session / Reports from other Town Meetings

Contribution ID: 45

Type: **not specified**

Report from Computational Nuclear Physics Town Meeting

Sunday, 14 September 2014 15:00 (15 minutes)

Presenter: Prof. SAVAGE, Martin (Institute for Nuclear Theory)

Session Classification: Joint Session / Reports from other Town Meetings

Contribution ID: 46

Type: **not specified**

Report from Education and Innovation Town Meeting

Sunday, 14 September 2014 15:15 (15 minutes)

Presenter: Dr KEPPEL, Thia (JLab)

Session Classification: Joint Session / Reports from other Town Meetings

Contribution ID: 47

Type: **not specified**

Report from Nuclear Structure and Nuclear Astrophysics Town Meeting

Contribution ID: 48

Type: **not specified**

Discussion

Sunday, 14 September 2014 15:30 (30 minutes)

Session Classification: Joint Session / Reports from other Town Meetings

Contribution ID: 49

Type: **not specified**

Theoretical Overview: Nucleon spin structure and orbital angular momentum

Saturday, 13 September 2014 09:00 (30 minutes)

Presenter: Dr QIU, Jianwei (BNL)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance
I

Contribution ID: 50

Type: **not specified**

Experimental overview: Nucleon spin structure

Saturday, 13 September 2014 09:30 (30 minutes)

Presenter: Dr SEIDL, Ralf (RIKEN)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance
I

Contribution ID: 51

Type: **not specified**

Parton distribution functions

Saturday, 13 September 2014 10:00 (30 minutes)

Presenter: Prof. PENG, Jen-Chieh (University of Illinois at Urbana-Champaign)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance
I

Contribution ID: 52

Type: **not specified**

Nucleon tomography

Saturday, 13 September 2014 11:00 (30 minutes)

Presenter: Prof. METZ, Andreas (Temple University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: 53

Type: **not specified**

Short presentations and general discussion incl. contributions from the floor

Presenters: Dr PROKUDIN, Alexei (JLab); Dr KIM, Andrey (JLab); Prof. SURROW, Bernd (Temple University); Dr LONG, Elena (University Of New Hampshire); Dr GIROD, Francois-Xavier (JLab); Dr AVAKIAN, Harut (JLab); Dr CHEN, Jian-Ping (JLab); Prof. GAMBERG, Leonard (PSU); Dr LIU, Ming (LANL); Prof. SOUDER, Paul (Syracuse University); Prof. LORENZON, Wolfgang (University Of Michigan)

Contribution ID: 54

Type: **not specified**

Electro-magnetic Form Factors of nucleons

Saturday, 13 September 2014 13:15 (25 minutes)

Presenter: Prof. GILMAN, Ron (Rutgers University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 55

Type: **not specified**

Parity-violating electron scattering and Hadron Structure

Saturday, 13 September 2014 13:40 (25 minutes)

Presenter: Prof. KUMAR, Krishna (Stony Brook University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 56

Type: **not specified**

Charged pion form factors

Saturday, 13 September 2014 14:05 (20 minutes)

Presenter: Prof. HORN, Tanja (Catholic University of America)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 57

Type: **not specified**

Expressions of chiral dynamics in hadrons and nuclei

Saturday, 13 September 2014 14:25 (20 minutes)

Presenter: Prof. PHILLIPS, Daniel (Ohio University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 58

Type: **not specified**

Probing Hadron Structure with Photons

Saturday, 13 September 2014 14:45 (20 minutes)

Presenter: Dr HOWELL, Calvin (Duke University And TUNL)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 59

Type: **not specified**

Short presentations and general discussion

Presenters: Prof. NORUM, Blaine (UVA); Prof. GRIESSHAMMER, Harold (George Washington University); Dr MESTAYER, Mac (JLab); Prof. AHMED, Mohammad (North Carolina Central University / TUNL); Dr RIORDAN, Seamus (University Of Massachusetts Amherst); Prof. PATE, Steve (New Mexico State University); Dr ZHAO, Zhiwen (ODU / JLab)

Contribution ID: **60**

Type: **not specified**

Lattice-based studies of QCD

Sunday, 14 September 2014 16:30 (30 minutes)

Presenter: Dr RICHARDS, D.G. (JLab)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)

Contribution ID: **61**

Type: **not specified**

Continuum-based studies of QCD

Sunday, 14 September 2014 17:00 (30 minutes)

Presenter: Dr CLOET, Ian (ANL)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)

Contribution ID: 62

Type: **not specified**

pQCD at the collider (LHC/RHIC)

Sunday, 14 September 2014 17:30 (30 minutes)

Presenter: Prof. STEWART, Iain (MIT)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)

Contribution ID: **63**

Type: **not specified**

Contributed Papers and General discussion

Presenters: Prof. TIBURZI, Brian (City College Of New York); Dr LEE, Chris (LANL); Prof. LIUTI, Simonetta (University Of Virginia)

Contribution ID: **64**

Type: **not specified**

Theory Overview: QCD and Meson spectrum

Monday, 15 September 2014 08:30 (30 minutes)

Presenter: Dr PENNINGTON, Michael (JLab)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy I

Contribution ID: 65

Type: **not specified**

Experiment Overview on Meson Spectroscopy: Current and future

Monday, 15 September 2014 09:00 (30 minutes)

Presenter: Prof. MEYER, Curtis (Carnegie Mellon University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy I

Contribution ID: **66**

Type: **not specified**

Theory Overview on Baryon Spectroscopy

Monday, 15 September 2014 09:30 (30 minutes)

Presenter: Dr DOERING, Michael (George Washington University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy I

Contribution ID: 67

Type: **not specified**

Experimental overview on Baryon Spectroscopy: Current and future

Presenter: Prof. GOTHE, Ralf (University Of South Carolina)

Contribution ID: **68**

Type: **not specified**

Experimental overview on Baryon Spectroscopy: Current and future

Monday, 15 September 2014 10:20 (25 minutes)

Presenter: Prof. GOTHE, Ralf (University Of South Carolina)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: **69**

Type: **not specified**

Short presentations and general discussion

Presenters: Prof. SZCZEPANIAK, Adam (Indiana University Jlab); Prof. BRISCOE, Bill (The George Washington University); Prof. STROKOSKY, Igor (The George Washington University); Prof. GUO, Lei (Florida International University); Dr MITCHELL, Ryan (Indiana University); Prof. MOKEEV, Victor (Jefferson Lab)

Contribution ID: 70

Type: **not specified**

Effect of short-range interactions on nuclei

Monday, 15 September 2014 11:10 (30 minutes)

Presenter: Dr HIGINBOTHAM, Doug (JLab)

Session Classification: QCD and Hadron Physics / QCD and Nuclei

Contribution ID: 71

Type: **not specified**

Nuclei at short distance scales

Monday, 15 September 2014 11:40 (25 minutes)

Presenter: Prof. SOLVIGNON, Patricia (University Of New Hampshire)

Session Classification: QCD and Hadron Physics / QCD and Nuclei

Contribution ID: 72

Type: **not specified**

Parton distributions in nuclei

Monday, 15 September 2014 12:05 (30 minutes)

Presenter: Prof. MELNITCHOUK, Wally (JLab)

Session Classification: QCD and Hadron Physics / QCD and Nuclei

Contribution ID: 73

Type: **not specified**

Short presentations and general discussion

Monday, 15 September 2014 12:35 (3 minutes)

Presenter: Dr WELLER, Henry (Duke University and TUNL)

Session Classification: QCD and Hadron Physics / QCD and Nuclei

Contribution ID: 74

Type: **not specified**

Discussion, WP writing and assignments, Recommendations

Monday, 15 September 2014 14:00 (20 minutes)

Session Classification: QCD and Hadron Physics / Discussion, WP writing and assignments,
Recommendations

Contribution ID: 75

Type: **not specified**

Discussion

Saturday, 13 September 2014 09:30 (15 minutes)

Session Classification: Phases of QCD Matter / Theory Overview

Contribution ID: 76

Type: **not specified**

Discussion

Saturday, 13 September 2014 10:15 (15 minutes)

Session Classification: Phases of QCD Matter / Theory Overview

Contribution ID: 77

Type: **not specified**

Discussion

Saturday, 13 September 2014 11:30 (15 minutes)

Session Classification: Phases of QCD Matter / QGP evolution, EOS and transport properties

Contribution ID: 78

Type: **not specified**

Discussion

Saturday, 13 September 2014 12:15 (15 minutes)

Session Classification: Phases of QCD Matter / QGP evolution, EOS and transport properties

Contribution ID: 79

Type: **not specified**

Discussion

Saturday, 13 September 2014 14:00 (10 minutes)

Session Classification: Phases of QCD Matter / BES and QCD Phase Diagram

Contribution ID: **80**

Type: **not specified**

Discussion

Saturday, 13 September 2014 14:50 (10 minutes)

Session Classification: Phases of QCD Matter / BES and QCD Phase Diagram

Contribution ID: **81**

Type: **not specified**

Discussion

Monday, 15 September 2014 10:40 (10 minutes)

Session Classification: Phases of QCD Matter / Heavy quarks and quarkonium as a probe of the QGP

Contribution ID: **82**

Type: **not specified**

Discussion

Monday, 15 September 2014 11:10 (10 minutes)

Session Classification: Phases of QCD Matter / Heavy quarks and quarkonium as a probe of the QGP

Contribution ID: **83**

Type: **not specified**

Discussion

Monday, 15 September 2014 09:50 (10 minutes)

Session Classification: Phases of QCD Matter / Jet studies of QCD matter

Contribution ID: **84**

Type: **not specified**

Discussion

Monday, 15 September 2014 08:50 (10 minutes)

Session Classification: Phases of QCD Matter / Jet studies of QCD matter

Contribution ID: **85**

Type: **not specified**

Discussion

Monday, 15 September 2014 09:20 (10 minutes)

Session Classification: Phases of QCD Matter / Jet studies of QCD matter

Contribution ID: **86**

Type: **not specified**

Discussion

Saturday, 13 September 2014 18:25 (10 minutes)

Session Classification: Joint Session

Contribution ID: **87**

Type: **not specified**

Discussion

Saturday, 13 September 2014 16:45 (10 minutes)

Session Classification: Joint Session

Contribution ID: **88**

Type: **not specified**

Unique opportunities in p+A collisions at RHIC and LHC

Sunday, 14 September 2014 16:30 (20 minutes)

Presenter: Dr KANG, Zhong-Bo (Los Alamos National Laboratory)

Session Classification: Phases of QCD Matter / Low-x, pA, spin

Contribution ID: **89**

Type: **not specified**

Discussion

Sunday, 14 September 2014 16:50 (10 minutes)

Session Classification: Phases of QCD Matter / Low-x, pA, spin

Contribution ID: **90**

Type: **not specified**

p+A experiments at RHIC and the LHC and related upgrades

Sunday, 14 September 2014 17:00 (20 minutes)

Presenter: Prof. LAJOIE, John (University of Iowa)

Session Classification: Phases of QCD Matter / Low-x, pA, spin

Contribution ID: **91**

Type: **not specified**

Discussion

Sunday, 14 September 2014 17:20 (10 minutes)

Session Classification: Phases of QCD Matter / Low-x, pA, spin

Contribution ID: 92

Type: **not specified**

Opportunities for RHIC Spin in the Coming Decade

Sunday, 14 September 2014 17:30 (20 minutes)

Presenter: Dr ASCHENAUER, Elke (BNL)

Session Classification: Phases of QCD Matter / Low-x, pA, spin

Contribution ID: 93

Type: **not specified**

Discussion

Sunday, 14 September 2014 17:50 (10 minutes)

Session Classification: Phases of QCD Matter / Low-x, pA, spin

Contribution ID: 94

Type: **not specified**

Introduction - Temple University President

Saturday, 13 September 2014 16:00 (5 minutes)

Presenter: Prof. MEZIANI, Zein-Eddine (Temple University)

Session Classification: Joint Session

Contribution ID: 95

Type: **not specified**

Studying the QCD phase structure at high baryon density

Presenter: Dr XU, Nu (LBNL)

Contribution ID: 96

Type: **not specified**

Studying the QCD phase structure at high baryon density

Saturday, 13 September 2014 15:00 (7 minutes)

Presenter: Dr XU, Nu (LBNL)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 97

Type: **not specified**

Quantifying the properties of QCD matter with relativistic heavy-ion collisions

Saturday, 13 September 2014 15:07 (7 minutes)

Presenter: Prof. PRATT, Scott (Michigan State University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **98**

Type: **not specified**

Forward-central pion-quarkonia correlations at RHIC

Saturday, 13 September 2014 15:14 (7 minutes)

Presenter: Dr SUMBERA, Michal (Nuclear Physics Institute ASCR)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 99

Type: **not specified**

Coherent pion photoproduction

Saturday, 13 September 2014 15:21 (7 minutes)

Presenter: Prof. BRISCOE, William (The George Washington University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **100**

Type: **not specified**

Interplay of QCD and electromagnetism in relativistic heavy-ion collisions

Monday, 15 September 2014 11:20 (7 minutes)

Presenter: Prof. YEE, Ho-Ung (University Of Illinois at Chicago and RBRC)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **102**

Type: **not specified**

Dileptons and chiral symmetry restoration

Monday, 15 September 2014 11:27 (7 minutes)

Presenter: Dr HOHLER, Paul (Texas A&M University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **103**

Type: **not specified**

Future Dilepton Measurements at RHIC

Monday, 15 September 2014 11:34 (7 minutes)

Presenter: Prof. GEURTS, Frank (Rice University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **104**

Type: **not specified**

Upsilon measurements with sPHENIX

Monday, 15 September 2014 11:48 (7 minutes)

Presenter: Prof. FRAWLEY, Tony (Florida State University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **105**

Type: **not specified**

Future high statistics heavy flavor physics opportunities with the ALICE Run 3 upgrade

Monday, 15 September 2014 11:55 (7 minutes)

Presenter: Prof. NATTRASS, Christine (University Of Tennessee Knoxville)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **106**

Type: **not specified**

Summary of the 3rd Workshop on Jet Modification in the RHIC and LHC Era

Monday, 15 September 2014 12:02 (7 minutes)

Presenter: Prof. REED, Rosi (Wayne State University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 107

Type: **not specified**

Jet-hadron, gluon-hadron and hadron-hadron angular correlations at $p_T=10-20$ GeV/c

Monday, 15 September 2014 12:09 (7 minutes)

Presenter: Prof. FRANTZ, Justin (Ohio University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **108**

Type: **not specified**

Effective theory for precision jet physics in heavy ion collisions beyond the energy loss approach

Monday, 15 September 2014 12:16 (7 minutes)

Presenter: Dr VITEV, Ivan (LANL)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **109**

Type: **not specified**

Calculating jet transport coefficients in lattice QCD

Monday, 15 September 2014 12:23 (7 minutes)

Presenter: Prof. MAJUMDER, Abhijit (Wayne State University)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **110**

Type: **not specified**

A new frontier for RHIC: Collectivity and thermalisation in small systems

Monday, 15 September 2014 12:51 (7 minutes)

Presenter: Dr SCHUKRAFT, Juergen (CERN)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 111

Type: **not specified**

Future low-x opportunities at the LHC: ALICE FoCal

Monday, 15 September 2014 12:30 (7 minutes)

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

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 112

Type: **not specified**

The importance of running p+A at RHIC during the JLab-12 GeV e+A era and its impact on the future EIC e+A physics

Monday, 15 September 2014 12:37 (7 minutes)

Presenter: Dr LIU, Ming (LANL)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 113

Type: **not specified**

Ultrapерipheral heavy-ion physics with CMS

Monday, 15 September 2014 12:44 (7 minutes)

Presenter: Prof. TAKAKI, Daniel (University of Kansas)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: **114**

Type: **not specified**

Additional short contributions

Contribution ID: 115

Type: **not specified**

Pre-Town Meeting summary

Saturday, 13 September 2014 11:30 (6 minutes)

Presenters: Dr PROKUDIN, Alexei (JLab); Prof. GAMBERG, Leonard (PSU)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: **116**

Type: **not specified**

SoLID

Saturday, 13 September 2014 11:36 (6 minutes)

Presenter: Dr CHEN, Jian-Ping (JLab)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: 117

Type: **not specified**

Polarized Drell-Yan at FNAL

Saturday, 13 September 2014 11:42 (6 minutes)

Presenter: Prof. LORENZEN, Wolfgang (University Of Michigan)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: **118**

Type: **not specified**

The importance of a new transverse spin program at RHIC and its impact on future e+p physics

Saturday, 13 September 2014 11:48 (3 minutes)

Presenter: Dr LIU, Ming (Los Alamos National Laboratory)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: **119**

Type: **not specified**

Correlations between target and current fragmentation in SIDIS

Saturday, 13 September 2014 11:51 (3 minutes)

Presenter: Dr AVAKIAN, Harut (JLab)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: **120**

Type: **not specified**

Tensor Spin Observables

Saturday, 13 September 2014 11:54 (3 minutes)

Presenter: Dr LONG, Elena (University Of New Hampshire)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: **121**

Type: **not specified**

SoLID-PVDIS (d/u)

Saturday, 13 September 2014 11:57 (3 minutes)

Presenter: Prof. SOUDER, Paul (Syracuse University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: 122

Type: **not specified**

Studies of chiral-odd GPDs in exclusive production of pseudoscalar mesons

Saturday, 13 September 2014 12:00 (3 minutes)

Presenter: Dr KIM, Andrey (University Of Connecticut)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II (Incl. Short presentations)

Contribution ID: 123

Type: **not specified**

JLab GPD program results and projections at 12 GeV

Saturday, 13 September 2014 12:03 (3 minutes)

Presenter: Dr GIROD, Francois-Xavier (JLab)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: 124

Type: **not specified**

Future prospects of di-jet production constraining delta $g(x)$ at low x at STAR at RHIC

Saturday, 13 September 2014 12:06 (3 minutes)

Presenter: Prof. SURROW, Bernd (Temple University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Short Distance II
(Incl. Short presentations)

Contribution ID: 125

Type: **not specified**

The axial form factor of the proton

Saturday, 13 September 2014 15:05 (3 minutes)

Presenter: Prof. PATE, Steve (New Mexico State University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 126

Type: **not specified**

Q-Qbar Creation Studies

Saturday, 13 September 2014 15:08 (3 minutes)

Presenter: Dr MESTAYER, Mac (JLab)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 127

Type: **not specified**

J/Psi near threshold from SoLID

Saturday, 13 September 2014 15:11 (3 minutes)

Presenter: Dr ZHAO, Zhiwen (ODU / Jefferson Lab)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 128

Type: **not specified**

Problems with the Two-Nucleon System

Saturday, 13 September 2014 15:14 (3 minutes)

Presenter: Prof. NORUM, Blaine (University of Virginia)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: **129**

Type: **not specified**

Chiral dynamics: 2 photons and a few nucleons

Saturday, 13 September 2014 15:17 (3 minutes)

Presenter: Prof. GRIESSHAMMER, Harold (George Washington University)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 130

Type: **not specified**

Nucleon EM polarizabilities from Compton Scattering below pion threshold

Saturday, 13 September 2014 15:20 (3 minutes)

Presenter: Prof. AHMED, Mohammad (North Carolina Central University / TUNL)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 131

Type: **not specified**

Elastic Nucleon Form Factor Program with Super Bigbite

Saturday, 13 September 2014 15:23 (3 minutes)

Presenter: Dr RIORDAN, Seamus (University Of Massachusetts Amherst)

Session Classification: QCD and Hadron Physics / Hadron Structure at Long Distance (Incl. Short presentations)

Contribution ID: 132

Type: **not specified**

Precision Jet Physics in Electron-Proton Collisions

Sunday, 14 September 2014 18:00 (3 minutes)

Presenter: Dr LEE, Chris (LANL)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)

Contribution ID: 133

Type: **not specified**

OAM and GTMDs

Sunday, 14 September 2014 18:03 (3 minutes)

Presenter: Prof. LIUTI, Simonetta (University of Virginia)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)

Contribution ID: 134

Type: **not specified**

The prospects of two-photon physics with lattice QCD

Sunday, 14 September 2014 18:06 (3 minutes)

Presenter: Prof. TIBURZI, Brian (City College Of New York)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)

Contribution ID: 135

Type: **not specified**

Baryon Spectroscopy with Photoproduction of Mesons at MAMI - Mainz

Monday, 15 September 2014 10:45 (3 minutes)

Presenter: Prof. BRISCOE, William (The George Washington University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: 136

Type: **not specified**

Why we need meson beams

Monday, 15 September 2014 10:48 (3 minutes)

Presenter: Prof. STRAKOVSKY, Igor (The George Washington University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: 137

Type: **not specified**

Hadron spectroscopy at FIU: New Opportunities

Monday, 15 September 2014 10:51 (3 minutes)

Presenter: Prof. GUO, Lei (Florida International University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: 138

Type: **not specified**

Contribution to LRP from the N* structure exploration in exclusive electroproduction

Monday, 15 September 2014 10:54 (3 minutes)

Presenter: Dr MOKEEV, Victor (Jefferson Lab)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: 139

Type: **not specified**

XYZ states in charmonium and bottomonium

Monday, 15 September 2014 10:57 (3 minutes)

Presenter: Dr MITCHELL, Ryan (Indiana University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: 140

Type: **not specified**

Amplitude analysis: linking experiment and theory

Monday, 15 September 2014 11:00 (3 minutes)

Presenter: Prof. SZCZEPANIAK, Adam (Indiana University)

Session Classification: QCD and Hadron Physics / Hadron Spectroscopy II (Incl. Short presentations)

Contribution ID: 141

Type: **not specified**

Next-generation nuclear DIS with spectator tagging at EIC

Sunday, 14 September 2014 11:20 (5 minutes)

Presenter: Dr WEISS, Christian (JLab)

Session Classification: Joint Session / Community Input

Contribution ID: 142

Type: **not specified**

Neutron Spin Structure via Spectator Tagging at the EIC

Sunday, 14 September 2014 11:25 (5 minutes)

Presenter: Prof. HYDE, Charles (Old Dominion University)

Session Classification: Joint Session / Community Input

Contribution ID: 143

Type: **not specified**

Transverse momentum dependence of sea quark distributions

Sunday, 14 September 2014 11:30 (5 minutes)

Presenter: Dr AVAKIAN, Harut (JLab)

Session Classification: Joint Session / Community Input

Contribution ID: 144

Type: **not specified**

Why QGP Physicists should want to study e+A

Sunday, 14 September 2014 11:35 (5 minutes)

Presenter: Prof. JACAK, Barbara (Stony Brook University)

Session Classification: Joint Session / Community Input

Contribution ID: 145

Type: **not specified**

Joint Session / EIC White paper discussion - Part I

Sunday, 14 September 2014 11:40 (1 hour)

Session Classification: Joint Session / Community Input

Contribution ID: 146

Type: **not specified**

Soft photon measurements: present and future

Monday, 15 September 2014 11:41 (7 minutes)

Presenter: Dr SAKAGUCHI, Takao (BNL)

Session Classification: Phases of QCD Matter / Community Input

Contribution ID: 147

Type: **not specified**

Transverse force on quarks in DIS

Sunday, 14 September 2014 18:09 (3 minutes)

Presenter: Prof. BURKARDT, Matthias (NMSU)

Session Classification: QCD and Hadron Physics / Theory (Incl. Short presentations)