

**From Particles and Partons to
Nuclei and Fields: an
international workshop and
symposium in celebration of
Al Mueller's 70th birthday**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome remarks

Friday 23 October 2009 09:00 (15 minutes)

Presenter: LEE, T. D. (Columbia U.)

Contribution ID: 1

Type: **not specified**

Neutrinos: The Era of Long Baselines, Large Detectors and Intense Beams

Friday 23 October 2009 09:15 (30 minutes)

Presenter: SAMIOS, Nicholas (BNL)

Contribution ID: 2

Type: **not specified**

Lattice Field Theory: Challenges and Opportunities

Friday 23 October 2009 09:45 (30 minutes)

Presenter: CHRIST, Norman (Columbia U.)

Contribution ID: 3

Type: **not specified**

Al's Early Years at Brookhaven

Friday 23 October 2009 10:15 (30 minutes)

Presenter: TRUEEMAN, Larry (BNL)

Contribution ID: 4

Type: **not specified**

A new look for good old QCD Parton Dynamics

Friday 23 October 2009 11:15 (30 minutes)

Presenter: DOKSHITZER, Yuri (LPTHE, UPMS U. Paris 6)

Contribution ID: 5

Type: **not specified**

Saturation: The Color Glass Condensate, Glasma and RHIC

Friday 23 October 2009 11:45 (30 minutes)

Presenter: MC LERRAN, Larry (BNL)

Contribution ID: 6

Type: **not specified**

New Horizons in QCD

Friday 23 October 2009 12:15 (30 minutes)

Presenter: BRODSKY, Stan (SLAC/Stanford U.)

Contribution ID: 7

Type: **not specified**

Weak-to-strong coupling transition in AdS/CFT and QCD phenomenology

Friday 23 October 2009 14:00 (30 minutes)

Presenter: SHURYAK, Edward (Stony Brook U.)

Contribution ID: **8**

Type: **not specified**

Pomeron loops with eikonal evolution

Friday 23 October 2009 14:30 (30 minutes)

Presenter: KOVNER, Alex (U. of Connecticut)

Contribution ID: 9

Type: **not specified**

High energy scattering: from weak to strong coupling

Friday 23 October 2009 15:00 (30 minutes)

Presenter: IANCU, Edmond (Saclay)

Contribution ID: **10**

Type: **not specified**

Small-x amplitudes in the next-to-leading order

Friday 23 October 2009 16:00 (30 minutes)

Presenter: BALITSKY, Ian (Old Dominion U./JLab)

Contribution ID: 11

Type: **not specified**

Jets at weak and strong coupling

Friday 23 October 2009 16:30 (30 minutes)

Presenter: HATTA, Yoshitaka (U. of Tsukuba)

Contribution ID: 12

Type: **not specified**

Gluon and dipole cascades on the light-front

Friday 23 October 2009 17:00 (30 minutes)

Presenter: STASTO, Anna (Pennsylvania State U.)

Contribution ID: 13

Type: **not specified**

QCD and statistical physics

Friday 23 October 2009 17:30 (30 minutes)

Presenter: MUNIER, Stephane (Ecole Polytechnique/CNRS)

Contribution ID: 14

Type: **not specified**

Small-x physics at HERA

Saturday 24 October 2009 09:00 (30 minutes)

Presenter: CALDWELL, Allen (Max Planck Institute)

Contribution ID: 15

Type: **not specified**

Inclusive jets, forward jets, Mueller Navelet jets and jet gap jet: tests of QCD evolution at colliders

Saturday 24 October 2009 09:30 (30 minutes)

Presenter: ROYON, Christophe (Saclay)

Contribution ID: **16**

Type: **not specified**

J/Psi way to Nuclear Structure

Saturday 24 October 2009 10:00 (30 minutes)

Presenter: KOWALSKI, Henri (DESY)

Contribution ID: 17

Type: **not specified**

R-currents correlators at weak and strong coupling

Saturday 24 October 2009 11:00 (30 minutes)

Presenter: BARTELS, Jochen (U. of Hamburg)

Contribution ID: **18**

Type: **not specified**

Factorization in the non-linear small-x regime of QCD

Saturday 24 October 2009 12:00 (30 minutes)

Presenter: GELIS, Francois (Saclay)

Contribution ID: **19**

Type: **not specified**

Perturbative QCD in the late 1970s

Saturday 24 October 2009 11:30 (30 minutes)

Presenter: DUNCAN, Anthony (Pittsburgh U.)

Contribution ID: 20

Type: **not specified**

Scattering amplitudes and BFKL Pomeron in QCD and in N=4 SUSY

Saturday 24 October 2009 14:00 (30 minutes)

Presenter: LIPATOV, Lev (Petersburg Nuclear Physics Institute)

Contribution ID: 21

Type: **not specified**

From Dipoles to Waves and Strings

Saturday 24 October 2009 14:30 (30 minutes)

Presenter: PESCHANSKI, Robi (Saclay)

Contribution ID: 22

Type: **not specified**

A new mechanism for multiparticle production in N=4 SYM

Saturday 24 October 2009 15:00 (30 minutes)

Presenter: LEVIN, Eugene (Tel Aviv U.)

Contribution ID: 23

Type: **not specified**

Using Nuclei to Probe Ultra Dense Phases of Matter at RHIC and LHC

Saturday 24 October 2009 16:00 (30 minutes)

Presenter: GYULASSY, Miklos (Columbia U.)

Contribution ID: 24

Type: **not specified**

Probing the sQGP in A-A collisions by measuring energetic low-mass dileptons

Saturday 24 October 2009 16:30 (30 minutes)

Presenter: BAIER, Riudolf (U. of Bielefeld)

Contribution ID: 25

Type: **not specified**

Jets, underlying event and HIC

Saturday 24 October 2009 17:00 (30 minutes)

Presenter: SALAM, Gavin (LPTHE, UPMS U. Paris 6)

Contribution ID: 26

Type: **not specified**

The axial anomaly in hydrodynamics

Saturday 24 October 2009 17:30 (30 minutes)

Presenter: SON, Dam (INT)

Contribution ID: 27

Type: **not specified**

Saturation as seen by PHOBOS

Sunday 25 October 2009 09:00 (30 minutes)

Presenter: BUSZA, Wit (MIT)

Contribution ID: 28

Type: **not specified**

Hot QCD Matter: An experimenter's dream and nightmare

Sunday 25 October 2009 09:30 (30 minutes)

Presenter: JACAK, Barbara (Stony Brook U.)

Contribution ID: 29

Type: **not specified**

Forward Physics from RHIC to LHC

Sunday 25 October 2009 10:00 (30 minutes)

Presenter: MURRAY, Michael (U. of Kansas)

Contribution ID: **30**

Type: **not specified**

On Anomalous Quark Triangles

Sunday 25 October 2009 11:00 (30 minutes)

Presenter: VAINSHTEIN, Arkady (U. of Minnesota)

Contribution ID: **31**

Type: **not specified**

The first fermi of a heavy ion collision: progress and open questions

Sunday 25 October 2009 11:30 (30 minutes)

Presenter: VENUGOPALAN, Raju (BNL)

Contribution ID: **32**

Type: **not specified**

Heavy quarks in a thermal bath

Sunday 25 October 2009 12:00 (30 minutes)

Presenter: BLAIZOT, Jean-Paul (Saclay)

Contribution ID: 33

Type: **not specified**

From color transparency to opacity

Sunday 25 October 2009 13:30 (30 minutes)

Presenter: STRIKMAN, Mark (Pennsylvania State U.)

Contribution ID: **34**

Type: **not specified**

UHECRs and QCD

Sunday 25 October 2009 14:00 (30 minutes)

Presenter: FARRAR, Glennys (New York U.)

Contribution ID: 35

Type: **not specified**

Factorization and Closing Remarks

Sunday 25 October 2009 14:30 (30 minutes)

Presenter: STERMAN, George (Stony Brook U.)