



Notes

XXVI International Conference on
Ultrarelativistic Nucleus-Nucleus Collisions
February 5-11, 2017
Chicago, IL

	Sunday Feb 5	Monday Feb 6	Tuesday Feb 7 Wednesday Feb 8
8:00	8:00 – 9:00 Student Day check-in	8:00 – 9:00 Conference check-in	
9:00	9:00 – 13:00 Student Day A	9:00 – 11:10 Opening Session/ Experimental Preview I	8:30 – 10:10 Parallel Sessions 1/5
10:00			10:10 – 10:40 Coffee
11:00			11:10 – 11:30 Coffee
12:00			10:40 – 12:20 Parallel Sessions 2/6
13:00	13:00 – 15:00 Student Lunch Social	11:30 – 12:45 Experimental Preview II	12:20 – 14:00 Lunch
14:00		12:45 – 14:00 Lunch	
15:00		14:00 – 16:00 Plenary I: Equilibration, Flow and QGP Parameters	14:00 – 16:00 Parallel Sessions 3/7
16:00	15:00 – 18:30 Student Day B		16:00 – 16:30 Coffee
17:00		16:00 – 18:00 Poster session	16:30 – 18:30 Parallel Sessions 4/8
18:00	16:00 – 19:00 Conference Check-in		
19:00		18:30 – 20:30 Welcome Reception	
20:00			
21:00			

	Thursday Feb 9	Friday Feb 10	Saturday Feb 11
8:00			
9:00	9:00 – 11:00 Plenary Session II: Collective Dynamics from pp to AA	9:00 – 11:00 Plenary Session IV: Jet Quenching	9:00 – 10:40 Plenary Session VIII: Future Facilities and Directions
10:00			10:40 – 11:10 Coffee
11:00	11:00 – 11:30 Coffee	11:00 – 11:30 Coffee	11:10 – 12:30 Closing Session
12:00	11:30 – 13:30 Plenary Session III: Search for Critical Phenomena and Chiral Anomalies in Heavy-ion Collisions	11:30 – 12:30 Plenary Session V: Electromagnetic Radiation	
13:00		12:30 – 14:00 Lunch	
14:00	Free Afternoon	14:00 – 16:00 Plenary Session VI: Heavy Flavors and Quarkonia	
15:00		15:00 – 18:00 IAC Meeting	16:00 – 16:30 Coffee
16:00			16:30 – 18:30 Plenary Session VII: Other Recent Developments
17:00			
18:00	18:00 – 19:30 Public Lecture		
19:00		19:00 – 21:00 Conference Banquet	
20:00			
21:00			

Sunday 5 February 2017

Student's Day A (Chair A. Sickles) – Regency A (09:00-13:00)

<i>time</i>	<i>title</i>	<i>presenter</i>
09:00	Dynamics in phases of QCD	Scott Pratt
10:15	Lattice QCD	Alexei Bazavov

Coffee Break (11:00 – 11:30)

11:30	Probes of anomalous chiral effects	Sergei Voloshin
12:15	Electroweak probes	Peter Steinberg

Student Lunch (13:00 – 15:00)

Student's Day B (Chair P. Sorensen) – Regency A (15:00-18:30)

<i>time</i>	<i>title</i>	<i>presenter</i>
15:00	Jets in heavy ion collisions experiment	Gunther Roland
15:45	Jets in heavy ion collisions: theory	Sangyong Jeon

Coffee Break (16:30 – 17:00)

17:00	Electron Ion Collider physics	Christine Aidala
17:45	Q&A discussion session	

Monday 6 February 2017

Opening Session (Chair U. Heinz) – Regency A/B (09:00-10:00)

<i>time</i>	<i>title</i>	<i>presenter</i>
9:00	Welcome addresses	
09:20	Status of the field and key open questions before QM2017	Jürgen Schukraft

Plenary Session A: Experimental Preview Talks I (Chair J. Velkovska)

Regency A/B (10:00-11:10)

<i>time</i>	<i>title</i>	<i>presenter</i>
10:00	Experimental highlights: STAR	Alexander Schmah
10:20	Experimental highlights: PHENIX	Darren McGlinchey
10:40	Experimental highlights: HADES	Manuel Lorenz
10:55	Experimental highlights: NA61	Antoni Aduszkiewicz

Coffee Break (11:10 – 11:30)

Monday 6 February 2017

Plenary Session B: Experimental Preview Talks II (Chair B. Wyslouch)

Regency A/B (11:30-12:45)

<i>time</i>	<i>title</i>	<i>presenter</i>
11:30	Experimental highlights: ALICE	Anthony Timmins
11:50	Experimental highlights: ATLAS	Jiangyong Jia
12:10	Experimental highlights: CMS	Yen-Jie Lee
12:30	Experimental highlights: LHCb	Patrick Robbe

Lunch (12:45 - 14:00)

Plenary Session I: Equilibration, flow and QGP (Chair: B. Muller)

Regency A/B (14:00-16:00)

<i>time</i>	<i>title</i>	<i>presenter</i>
14:00	Collective flow from pp to AA	Wei Li
14:30	Determination of QGP parameters from global Bayesian analysis	Steffen Bass
15:00	Equilibration and hydrodynamics at strong and weak coupling	Wilke van der Schee
15:30	Jet energy loss and equilibration	Korinna Zapp

Poster Session – Regency C/D, International Suites (16:00-18:00)

Reception – Art Institute of Chicago (18:30 - 21:00)

Tuesday 7 February 2017

Parallel Sessions 1 (8:30 - 10:10)

Initial State Physics and Approach to Equilibrium (I) Chair: R. Venugopalan Regency A		QCD in Small Systems (I) Chair: P. Braun-Munzinger Regency B	
8:30	Evidence of nuclear gluon effects in γ -Pb interactions with CMS	Event activity-dependence of jet production in p-Pb collisions at 5.02 TeV measured with semi-inclusive hadron+jet correlations by ALICE	
	TAKAKI, Daniel (CMS)	KRIZEK, Filip (ALICE)	
8:50	Photoproduction of heavy vector mesons in ultra-peripheral Pb-Pb collisions	New insights of multi-particle azimuthal correlations via differential studies in high-multiplicity pPb collisions with CMS	
	KRYSHEN, Evgeny (ALICE)	GUILBAUD, Maxime (CMS)	
9:10	Measurements of multi-jet production in pp, p+Pb and ultra-peripheral Pb+Pb collisions with the ATLAS detector	Multiplicity dependence of jet-like two-particle correlations in pp collisions at 7 and 13 TeV with ALICE	
	ANGERAMI, Aaron (ATLAS)	LAKOMOV, Igor (ALICE)	
9:30	Electromagnetic processes in ultra-peripheral Pb+Pb collisions with ATLAS	Measurement of J/Psi production as a function of event multiplicity in pp collisions at 13TeV with ALICE	
	DYNDAL, Mateusz (ATLAS)	WEBER, Steffen (ALICE)	
9:50	3-D Glasma initial state from small-x evolution	Multiplicity dependence of identified particle production in proton-proton collisions with ALICE	
	SCHLICHTING, Soeren	VISLAVICIUS, Vytautas (ALICE)	

Coffee Break (10:10 – 10:40)

Tuesday 7 February 2017

Parallel Sessions 1 (8:30 - 10:10)

Electromagnetic Probes (I) Chair: S. Jeon Regency C		Jets and High p_T Hadrons (I) Chair: D. Morrison Regency D	
	Dilepton production in p+p, Au+Au collisions at 200 GeV and U+U collisions at 193 GeV	Study of cold and hot nuclear matter effects on jets with direct photon-triggered correlations from PHENIX	
	BRANDENBURG, James (STAR)	OSBORN, Joseph (PHENIX)	
	Low-mass electrons pairs from 1.23A GeV Au+Au Collisions with HADES	Jet measurements with neutral and di-jet triggers in central Au+Au collisions at 200 GeV with STAR	
	GALATYUK, Tetyana (HADES)	SAHOO, Nihar (STAR)	
	Measurements of the dielectron continuum in pp, p-Pb and Pb-Pb collisions with ALICE at the LHC	Jet structure studies using jet-hadron correlations in PbPb and pp collisions at 5.02 TeV with CMS	
	DOCE, Oton (ALICE)	TRAUGER, Hallie (CMS)	
	Neutral particle-hadron correlation measurements with the ALICE experiment at the LHC	Jet-induced medium excitation in gamma-hadron and hadron-hadron correlations	
	VAUTHIER, Astrid (ALICE)	CHEN, Wei	
	Bulk viscous effects on flow and dilepton radiation in a hybrid approach	Extracting \hat{q} in event-by-event hydrodynamics and the centrality/energy puzzle	
	VUJANOVIC, Gojko	CASAS, Carlota	

Coffee Break (10:10 – 10:40)

Tuesday 7 February 2017

Parallel Sessions 2 (10:40 - 12:20)

Initial State Physics and Approach to Equilibrium (II) Chair: S. Gupta Regency A		QCD in Small Systems (II) Chair: F. Wang Regency B	
10:40	Transverse-momentum-dependent gluon distributions and their evolution towards small x	PHENIX results on longitudinal flow dynamics and event plane decorrelation in d+Au collisions from 19.6 to 200 GeV	
	PETRESKA, Elena	BELMONT, Ron (PHENIX)	
11:00	Initial conditions for hydrodynamics from weakly coupled pre-equilibrium evolution	Charge asymmetry dependence of elliptic and triangular flow in pPb and PbPb collisions with CMS	
	MAZELIAUSKAS, Aleksas	PARK, Sang (CMS)	
11:20	Characterization of the initial state and QGP medium from a combined Bayesian analysis of RHIC and LHC data	Measurement of two- and multi-particle azimuthal correlations in small collision systems with the ATLAS detector	
	BERNHARD, Jonah	TRZUPEK, Adam (ATLAS)	
11:40	Particle production in proton-nucleus collisions beyond leading order	PHENIX results on elliptic and triangular flow at mid-rapidity in d+Au collisions from 19.6 to 200 GeV	
	IANCU, Edmond	VELKOVSKA, Julia (PHENIX)	
12:00	System-size dependence of the charged-particle pseudorapidity density distribution at 5.02 TeV with ALICE	Multiplicity fluctuations and collective flow in small colliding systems	
	CHRISTENSEN, Christian (ALICE)	KAWAGUCHI, Koji	

Lunch (12:20 - 14:00)

Tuesday 7 February 2017

Parallel Sessions 2 (10:40 - 12:20)

Electromagnetic Probes (II) Chair: H. Hamagaki Regency C		Jets and High p_T Hadrons (II) Chair: U. Wiedemann Regency D	
	Direct photon measurements in pp and Pb-Pb collisions with ALICE	Angular structure of jet quenching within a hybrid strong/weak coupling model	
	GERMAIN, Marie (ALICE)	RAJAGOPAL, Krishna	
	PHENIX measurements of low momentum direct photons from large ion collisions as a function of beam energy and system size	Probing transverse momentum broadening via dihadron and hadron-jet angular correlations in relativistic heavy-ion collisions	
	SHARMA, Deepali (PHENIX)	QIN, Guang-you	
	Photon emission at hadronization: possible resolution to the direct photon puzzle	Jet-hadron and di-hadron correlations in pp and Pb-Pb with studies relative to the event plane at the LHC with ALICE	
	ITAKURA, Kazunori	MAZER, Joel (ALICE)	
	How brightly does the Glasma shine? Photon production off-equilibrium and the v_2 puzzle	Jet fragmentation in p+p, p+Pb and Pb+Pb at ATLAS	
	TANJI, Naoto	SLOVAK, Radim (ATLAS)	
	Virtual photon polarization in ultrarelativistic heavy-ion collisions	Holographic jet shapes and their evolution in strongly coupled plasma	
	BAYM, Gordon	BREWER, Jasmine	

Lunch (12:20 - 14:00)

Tuesday 7 February 2017

Parallel Sessions 3 (14:00 - 16:00)

QCD at High Temperature Chair: C. Ratti Regency A		CME, Vorticity and Spin Polarization (I) Chair: S. Voloshin Regency B	
14:00	O(g) NLO effects in transport coefficients	Using event shape engineering to investigate the chiral magnetic effect in Pb-Pb collisions at 2.76 TeV	
	GHIGLIERI, Jacopo	DOBRIN, Alexandru (ALICE)	
14:20	An effective field theory for QCD thermodynamics	Chiral magnetic effect in isobar collisions	
	GUPTA, Sourendu	HUANG, Xu-guang	
14:40	The QCD equation of state at finite density from analytical continuation	Disentangling flow and signals of chiral magnetic effect in U+U and Au+Au collisions	
	GÜNTHER, Jana	TRIBEDY, Prithwish (STAR)	
15:00	High statistics study of in-medium S- and P-wave quarkonium states in lattice Non-relativistic QCD	Observation of charge-dependent azimuthal correlations in pPb collisions with CMS and its implication for the search of the Chiral Magnetic Effect	
	ROTHKOPF, Alexander	TU, Zhoudunming (CMS)	
15:20	The QCD Equation of State and critical end-point estimates at 6 th order in chemical potentials	Quantifying the chiral magnetic effect from anomalous viscous fluid dynamics	
	SHARMA, Sayantan	SHI, Shuzhe	
15:40	Lattice QCD thermodynamics up to the perturbative regime	Chiral magnetic effect and anomalous transport from real-time lattice simulations	
	PASZTOR, Attila	MUELLER, Niklas	

Coffee Break (16:00 – 16:30)

Tuesday 7 February 2017

Parallel Sessions 3 (14:00 - 16:00)

Quarkonia (I) Chair: C. Aidala Regency C		Jets and High p _T Hadrons (III) Chair: J. Putschke Regency D	
	Measurements of charmonium production in p+p, p+Au, and Au+Au collisions at 200 GeV with the STAR experiment	Jet substructure through splitting functions and mass in pp and PbPb collisions at 5.02 TeV with CMS	
	TODOROKI, Takahito (STAR)	CHEN, Yi (CMS)	
	ALICE measurement of the J/ψ nuclear modification factor R _{AA} at mid-rapidity in Pb-Pb collisions at 5.02 TeV	STAR measurements of the shared momentum fraction z _g using jet reconstruction in p+p and Au+Au	
	JIMENEZ, Tonatiuh (ALICE)	KAUDER, Kolja (STAR)	
	Ψ(2S) and J/ψ modification in pPb and PbPb collisions at 5.02 TeV with CMS	The origin of the modification of the z _g distribution in AA collisions	
	BLANCO, Javier (CMS)	MILHANO, Guilherme	
	Measurement of charmonia production in heavy-ion collisions with the ATLAS detector	Measuring medium-induced gluons via jet grooming	
	LOPEZ, Jorge (ATLAS)	TYWONIUK, Konrad	
	Measurement of charmonium production at forward rapidity in Pb-Pb collisions at 5.02 TeV with ALICE	Inclusive jets and jet substructure in 2.76 TeV and 5.02 TeV pp and PbPb collisions with the ATLAS detector	
	TARHINI, Mohamad (ALICE)	SPOUSTA, Martin (ATLAS)	
	Lattice calculations of the heavy quark potential at non-zero temperature	Exploring jet sub-structure with jet shapes in ALICE	
	PETRECKZY, Peter	CAFFARRI, Davide (ALICE)	

Coffee Break (16:00 – 16:30)

Tuesday 7 February 2017

Parallel Sessions 4 (16:30 - 18:30)

Baryon-Rich QCD Matter and Astrophysics (I) Chair: P. Senger Regency A		CME, Vorticity and Spin Polarization (II) Chair: A. Sorin Regency B	
16:30	Phase transitions in dense matter DEXHEIMER, Veronica	Towards measurements of chiral magnetic (vortical) effect using identified particles from STAR WEN, Liwen (STAR)	
16:50	Revealing the collision energy dependence of η 's in RHIC-BES Au+Au collisions using Bayesian statistics AUVINEN, Jussi	Global polarization of Lambda hyperons in Au+Au collisions at RHIC BES UPSAL, Isaac (STAR)	
17:10	Beam energy dependence of deuteron and anti-deuteron production in Au+Au collisions at RHIC YU, Ning (STAR)	Vorticity in the QGP liquid and Lambda polarization at the RHIC Beam Energy Scan KARPENKO, Iurii	
17:30	Rapidity correlations in the RHIC Beam Energy Scan JOWZAEI, Sedigheh (STAR)	Charge redistribution from novel magneto-vorticity coupling in anomalous hydrodynamics HATTORI, Koichi	
17:50	Hybrid approach to relativistic heavy-ion collisions at the RHIC BES energies SHEN, Chun	Lambda polarization and spin correlations in a vortical fluid WANG, Qun	
18:10	The STAR Beam Energy Scan phase II physics and upgrades YANG, Chi (STAR)	Chiral vortical and magnetic effects in anomalous hydrodynamics GUO, Xingyu	

Tuesday 7 February 2017

Parallel Sessions 4 (16:30 - 18:30)

Quarkonia (II) Chair: Y. Akiba Regency C		Open Heavy Flavors (I) Chair: E. Bruna Regency D	
	Bottomonium measurements at forward rapidity in Pb-Pb and p-Pb collisions with ALICE at LHC DAS, Indranil (ALICE)	D meson nuclear modification factor and v_n harmonics in PbPb collisions at 5.02 TeV with CMS SUN, Jian (CMS)	
	Bottomonia results from the LHC Run 1 and 2 with CMS FLORES, Chad (CMS)	D-meson nuclear modification factor and elliptic flow measurements in Pb-Pb collisions at 5.02 TeV with ALICE at LHC BARBANO, Anastasia (ALICE)	
	Heavy flavour production in proton-lead and lead-lead collisions with LHCb WINN, Michael (LHCb)	Centrality dependence of D0 elliptic and triangular flow in Au+Au collisions at 200 GeV at STAR HE, Liang (STAR)	
	Quarkonium spectral functions and heavy quark diffusion of charm and bottom quarks from lattice QCD at finite temperature OHNO, Hiroshi	Measurements of Λ_c^+ and D_s^+ productions in Au+Au collisions at 200 GeV from STAR ZHOU, Long (STAR)	
	Upsilon measurements in p+p, p+Au and Au+Au collisions at 200 GeV with the STAR experiment YE, Zaochen (STAR)	New high resolution measurements of open and hidden charm production in proton-nucleus collisions at 110 GeV with the LHCb detector MAURICE, Emilie (LHCb)	
	Bottomonia suppression in heavy-ion collisions STRICKLAND, Michael	Heavy vs. light flavor jet quenching, flow, thermalization and D-hadron correlations from RHIC to LHC energies CAO, Shanshan	

Wednesday 8 February 2017

Parallel Sessions 5 (8:30 - 10:10)

Collective Dynamics (I) Chair: M. Strickland Regency A		Initial State Physics and Approach to Equilibrium (III) Chair: Z. Xu Regency B	
8:30	Probing non-linearity of higher harmonic flow in 2.76 and 5.02 TeV Pb-Pb collisions	Measurement of W and Z boson production in 5 TeV pp, p+Pb and Pb+Pb collisions with the ATLAS detector	
	ZHOU, You (ALICE)	CITRON, Zvi (ATLAS)	
8:50	Mixed higher-order flow harmonics and nonlinear response coefficients in PbPb collisions at 2.76 and 5.02 TeV with CMS	Electroweak boson production measurements in p-Pb and Pb-Pb collisions at 5.02 TeV with ALICE	
	TUO, Shengquan (CMS)	STOCCO, Diego (ALICE)	
9:10	Anisotropic flow of inclusive and identified particles in Pb-Pb collisions at 5.02 TeV	Di-hadron back-to-back correlations in p+p and p+Au collisions at STAR	
	BERTENS, Redmer (ALICE)	OGAWA, Akio (STAR)	
9:30	Hydrodynamic predictions for mixed harmonic correlations in 200 GeV Au+Au collisions	Latest results from the EbyE NLO EKRT model	
	GARDIM, Fernando	ESKOLA, Kari	
9:50	A detailed study and synthesis of flow observables in the IP-Glasma + MUSIC + UrQMD framework	Proton structure fluctuations: constraints from diffraction and applications to p+A collisions	
	McDONALD, Scott	MÄNTYSAARI, Heikki	

Coffee Break (10:10 – 10:40)

Wednesday 8 February 2017

Parallel Sessions 5 (8:30 - 10:10)

New Theoretical Developments (I) Chair: M. Lombardo Regency C		Jets and High p_T Hadrons (IV) Chair: P. Jacobs Regency D	
	New quantum effects in relativistic magnetohydrodynamics	Studies of photon-jet correlations in 5.02 TeV Pb+Pb and pp collisions with ATLAS	
	KHARZEEV, Dmitri	STEINBERG, Peter (ATLAS)	
	Tetraquarks and the phase diagram of QCD	The x and scale dependence of the transport coefficient \hat{q}	
	PISARSKI, Robert	KUMAR, Amit	
	The problem of overlapping formation times	Jet energy loss in boson-jet events in PbPb collisions at 5.02 TeV with CMS	
	ARNOLD, Peter	BI, Ran (CMS)	
	Going with the flow: a new solution to the sign problem	Vector boson-tagged jet production in heavy ion reactions at the LHC	
	BASAR, Gökce	XING, Hongxi	
	Classical electromagnetic fields from quantum sources in heavy-ion collisions	Design, status and schedule of the sPHENIX experiment at RHIC	
	PEROUTKA, Balthazar	CONNORS, Megan (sPHENIX)	

Coffee Break (10:10 – 10:40)

Wednesday 8 February 2017

Parallel Sessions 6 (10:40 - 12:20)

QCD in Small Systems (III) Chair: A. Milov Regency A		Correlations and Fluctuations (I) Chair: W. Xie Regency B	
10:40	Bayesian analysis of flow in small and large QGP droplets: the role of subnucleonic structure	Investigations of anisotropic collectivity using multi-particle correlations in pp, p-Pb and Pb-Pb collisions with ALICE	
	MORELAND, Scott	GAJDOSOVA, Katarina (ALICE)	
11:00	Femtoscopy with identified charged pions in proton-lead collisions at 5.02 TeV with the ATLAS detector	Dynamical critical fluctuations near the QCD critical point	
	CLARK, Michael (ATLAS)	SONG, Huichao	
11:20	PHENIX results on collective behavior in small systems from geometry-controlled experiments at 200 GeV	Rapidity dependent flow fluctuations at RHIC	
	XU, Qiao (PHENIX)	LUZUM, Matt	
11:40	Evidence for collective phenomena in pp collisions with CMS	Hydrodynamic fluctuations in Pb+Pb collisions at LHC	
	CHEN, Zhenyu (CMS)	SAKAI, Azumi	
12:00	Is pQCD energy loss in trouble?	Jet evolution in a dense medium: event-by-event fluctuations and multi-particle correlations	
	KOLBE, Isobel	ESCOBEDO, Miguel	

Lunch (12:20 - 14:00)

Wednesday 8 February 2017

Parallel Sessions 6 (10:40 - 12:20)

New Theoretical Developments (II) Chair: K. Eskola Regency C		Jets and High p_T Hadrons (V) Chair: C. Salgado Regency D	
	Relaxation times of shear and bulk viscosities from Kubo formulas	Studying parton energy loss using meson production in large collision systems from PHENIX	
	CZAJKA, Alina	ZHARKO, Sergei (PHENIX)	
	Path-integral Monte Carlo study of the magnetic component of Quark-Gluon Plasma at and above T_c	Systematic study of highly asymmetric systems using π^0 production at PHENIX	
	RAMAMURTI, Adith	NOVITZKY, Norbert (PHENIX)	
	A kinetic regime of hydrodynamic fluctuations and long time tails for a Bjorken expansion	Investigating the role of coherence effects on jet quenching in Pb-Pb collisions at 2.76 TeV using the Nsubjettiness jet shape by ALICE	
	AKAMATSU, Yukinao	ZARDOSHTI, Nima (ALICE)	
	Hydrodynamics with critical slowing down	Probing jet decoherence in heavy ion collisions	
	STEPHANOV, Misha	MEHTAR-TANI, Yacine	
	Topology and axion's properties from lattice QCD with dynamical charm	Effect of hydrodynamic response in QGP on full jets	
	LOMBARDO, Maria	TACHIBANA, Yasuki	

Lunch (12:20 - 14:00)

Wednesday 8 February 2017

Parallel Sessions 7 (14:00 - 16:00)

Baryon-Rich QCD Matter and Astrophysics (II) Chair: Y.-G. Ma Regency A		Correlations and Fluctuations (II) Chair: B. Wosiek Regency B	
14:00	Strangeness production in 1.23 A GeV Au+Au collisions with HADES	Net baryon fluctuations from ALICE at the LHC	
	SCHULDES, Heidi (HADES)	RUSTAMOV, Anar (ALICE)	
14:20	Comparison of STAR Au + Au 4.5 GeV fixed-target and AGS Au + Au fixed-target spectra, strangeness, flow and HBT	Measurement of the cumulant of net-proton multiplicity distribution in Au+Au collisions at 7.7-200 GeV from the STAR experiment	
	MEEHAN, Kathryn (STAR)	ESHA, Roli (STAR)	
14:40	Collective flow measurements with HADES in Au+Au collisions at 1.23A GeV	Conserved charge fluctuations at vanishing and non-vanishing baryon chemical potential from lattice QCD	
	BLUME, Christoph (HADES)	KARSCH, Frithjof	
15:00	Effects of enhanced bulk viscosity near the QCD critical point	Cumulants and correlation functions vs. the QCD phase diagram	
	MONNAI, Akihiko	BZDAK, Adam	
15:20	Universal off-equilibrium scaling of critical cumulants in the QCD phase diagram	Azimuthally differential pion femtoscopy relative to the second and third harmonic in Pb-Pb 2.76 TeV collisions from ALICE	
	YIN, Yi	SALEH, Mohammad (ALICE)	
15:40	Fluid dynamical fluctuations of net-baryon number near the QCD critical point	Measurement of forward-backward multiplicity correlations in pp, pPb and PbPb collisions with ATLAS	
	NAHRGANG, Marlene	ZHOU, Mingliang (ATLAS)	

Coffee Break (16:00 – 16:30)

Wednesday 8 February 2017

Parallel Sessions 7 (14:00 - 16:00)

Collective Dynamics (II) Chair: F. Grassi Regency C		Open Heavy Flavors (II) Chair: A. Mischke Regency D	
	Azimuthal anisotropies at very high p_T from two- and multi-particle correlations in PbPb collision at 5.02 TeV with CMS	Measurements of open bottom and charm hadron production through multiple decay channels in p+p, p+Au and Au+Au collisions with the STAR experiment	
	WANG, Quan (CMS)	OH, Kunsu (STAR)	
	Measurement of the width and skewness of elliptic flow fluctuations in PbPb collisions at 5.02 TeV with CMS	Measurements of the nuclear modification factor and elliptic flow of leptons from heavy-flavour hadron decays in Pb-Pb collisions at 2.76 TeV and 5.02 TeV with ALICE	
	CASTLE, James (CMS)	GODOY, Denise (ALICE)	
	Measurement of the transverse and longitudinal dynamics of collective flow in 2.76 and 5.02 TeV Pb+Pb collisions with the ATLAS detector	Studies of heavy flavored jets with CMS	
	MOHAPATRA, Soumya (ATLAS)	JUNG, Kurt (CMS)	
	PHENIX results on charged-hadron azimuthal anisotropies in Au+Au collisions at center-of-mass energies from 39 to 200 GeV	Measurement of the suppression and azimuthal anisotropy of heavy flavor muons in lead-lead collisions at 2.76TeV with the ATLAS detector	
	SHIMOMURA, Maya (PHENIX)	COLE, Brian (ATLAS)	
	Choice of moment and derivation of anisotropic dissipative fluid dynamics	PHENIX measurements of single electrons from charm and bottom decays at midrapidity in Au+Au collisions	
	NIEMI, Harri	NAGASHIMA, Kazuya (PHENIX)	
	Anisotropic hydrodynamics for Gubser flow	Jet quenching in a semi-quark-gluon-monopole plasma: light and heavy flavor R_{AA} & v_2 at RHIC&LHC	
	MARTINEZ, Mauricio	LIAO, Jinfeng	

Coffee Break (16:00 – 16:30)

Wednesday 8 February 2017

Parallel Sessions 8 (16:30 - 18:30)

Baryon-Rich QCD Matter and Astrophysics (III) Chair: G. Odyniec Regency A		Future Experimental Facilities, Upgrades, and Instrumentation Chair: J. Nagle Regency B	
16:30	Fluctuations of conserved charges at zero and finite density BORSANYI, Szabolcs	Feasibility study of heavy-ion collision physics at NICA JINR KEKELIDZE, Vladimir	
16:50	Evolution of critical fluctuations in a heavy-ion collision scenario HEROLD, Christoph	Heavy ions at the Future Circular Collider D'ENTERRIA, David	
17:10	Higher moments of e-by-e proton-multiplicity fluctuations in Au+Au collisions at 1.23A GeV HOLZMANN, Romain (HADES)	QCD matter physics at the future FAIR facility in Germany SENGER, Peter	
17:30	Phenomenological QCD equations of state for neutron star mergers and supernovae KOJO, Toru	Study of high baryon density QCD matter at J-PARC-HI SAKAGUCHI, Takao	
17:50	The state-of-the-art perturbative EoS at all temperatures and chemical potentials KURKELA, Aleksii	The ALICE TPC Upgrade Project MAJKA, Richard (ALICE)	
18:10	Evidence for chiral symmetry restoration in heavy-ion collisions MOREAU, Pierre	The new Inner Tracking System of the ALICE experiment MARTINENGO, Paolo (ALICE)	

Wednesday 8 February 2017

Parallel Sessions 8 (16:30 - 18:30)

Collective Dynamics (III) Chair: J. Harris Regency C		Open Heavy Flavors (III) Chair: R. Arnaldi Regency D	
	The onset of fluid-dynamical behavior in relativistic kinetic theory NORONHA, Jorge	Nuclear modification of B mesons in Collisions at 200 GeV measured through the $B \rightarrow J/\psi$ decay by the PHENIX Experiment SILVA, Cesar (PHENIX)	
	Production of identified and unidentified charged hadrons in Pb-Pb collisions at 5.02 TeV JACAZIO, Nicolo (ALICE)	Open beauty production and modifications in PbPb collisions at 5.02 TeV with CMS WANG, Ta-Wei (CMS)	
	Phi meson production in Pb-Pb collisions at 5.02 TeV with ALICE at the LHC CASULA, Ester (ALICE)	PHENIX measurements of open and hidden heavy flavor in p+p, p+Al, and p/d/ ³ He+Au collisions across a wide range of rapidity LIM, Sanghoon (PHENIX)	
	Phenomenological constraints on the bulk viscosity of QCD DENICOL, Gabriel	Heavy-flavor R_{AA} and v_n in event-by-event viscous relativistic hydrodynamics PRADO, Caio	
	Optimized fluid dynamics for heavy ion collisions BAZOW, Dennis	Data-driven analysis of the temperature and momentum dependence of the heavy-quark transport coefficient XU, Yingru	
	Do nuclear collisions create a locally equilibrated quark-gluon plasma? ROMATSCHKE, Paul	Global view on coupled dynamics of heavy and light flavor observables from EPOSHQ GOSSIAUX, Pol	

Thursday 9 February 2017

Plenary Session II: Collective dynamics from pp to AA (Chair: F. Antinori) Regency A/B (9:00-11:00)

<i>time</i>	<i>title</i>	<i>presenter</i>
09:00	Hydrodynamic modeling from pp to AA	Li Yan
09:30	Collective behavior in small systems	Alice Ohlson
10:00	Origins of collective behavior in small systems	Björn Schenke
10:30	Hard processes in small systems	Dennis Perepelitsa

Coffee Break (11:00 – 11:30)

Plenary Session III: Search for Critical Phenomena and Chiral Anomalies in Heavy-ion Collisions (Chair: N. Xu)

Regency A/B (11:30-13:30)

<i>time</i>	<i>title</i>	<i>presenter</i>
11:30	Search for critical behavior – status and future	Helen Caines
12:00	Search for chiral anomaly effects – status and future	Paul Sorensen
12:30	Lattice QCD results on soft and hard probes of strongly interacting matter	Olaf Kaczmarek
13:00	Beam energy scan theory: status and open questions	Hannah Petersen

Free Afternoon (13:30-18:00)

Meeting of the International Advisory Committee Water Tower room (Bronze level) (15:00-18:00)

Public Lecture

Regency A/B (18:00-19:30)

<i>time</i>	<i>title</i>	<i>presenter</i>
18:00	From quarks to the cosmos	Edward W. (Rocky) Kolb

Friday 10 February 2017

Plenary Session IV: Jet Quenching (Chair: M. van Leeuwen) Regency A/B (09:00 - 11:00)

<i>time</i>	<i>title</i>	<i>presenter</i>
09:00	Medium modification of jet production (RHIC + LHC)	Leticia Cunqueiro
09:30	Medium modification of jet structure (RHIC + LHC)	Marta Verweij
10:00	Jet modifications in event-by-event hydrodynamically evolving media	Jacquelyn Noronha-Hostler
10:30	Jet quenching with strong coupling	Daniel Pablos

Coffee Break (11:00 - 11:30)

Plenary Session V: Electromagnetic radiation (Chair: C. Gale) Regency A/B (11:30 - 12:30)

<i>time</i>	<i>title</i>	<i>presenter</i>
11:30	Photon and dilepton observables: experimental overview	Sarah Campbell
12:00	Photon and dilepton flow from pp to AA	Jean-Francois Paquet

Lunch (12:30 - 14:00)

Plenary Session VI: Heavy Flavor and Quarkonia (Chair: J. Stachel) – Regency A/B (14:00 - 16:00)

<i>time</i>	<i>title</i>	<i>presenter</i>
14:00	Heavy flavor production, flow and energy loss (experiment)	Xin Dong
14:30	Heavy flavor production, flow and energy loss (theory)	Vincenzo Greco
15:00	Quarkonium production in AA (experiment)	Enrico Scomparin
15:30	Quarkonium production in AA collisions from SPS to LHC (theory)	Ralf Rapp

Coffee Break (16:00 - 16:30)

Friday 10 February 2017

Plenary Session VII: Other Recent Developments (Chair: K. Rajagopal) Regency A/B (16:30 - 18:30)

<i>time</i>	<i>title</i>	<i>presenter</i>
16:30	Global and local spin polarization in AA collisions	Qun Wang
17:00	Chiral and magneto-hydrodynamics for heavy-ion collisions	Yuji Hirono
17:30	Status of nuclear PDFs after the first LHC p-Pb run	Hannu Paukkunen
18:00	Ultra-peripheral collisions and hadronic structure	Spencer Klein

Conference Banquet – Chrystal Ballroom (19:00 - 21:00)

Saturday 11 February 2017

Plenary Session VIII: Future Facilities and Directions (Chair: B. Jacak) Regency A/B (09:00 - 10:40)

<i>time</i>	<i>title</i>	<i>presenter</i>
09:00	Gravitational waves and the nuclear equation of state	Yuichiro Sekiguchi
09:30	Low-x physics in pA collisions and at the EIC	Bowen Xiao
10:00	Flash talks	

Coffee Break (10:40 - 11:10)

Closing Session (Chair: P. Giubellino) Regency A/B (11:10 - 12:30)

<i>time</i>	<i>title</i>	<i>presenter</i>
11:10	The way forward	William Zajc
11:40	2017 Zimanyi Nuclear Theory medal presentation	Miklos Gyulassy
11:50	Elsevier Young Scientist awards	Volker Koch
12:00	Quark Matter 2018 presentation	Paolo Giubellino
12:15	Quark Matter 2017 closing	

Practical Information

Mailing Address:

Quark Matter 2017 Conference
Department of Physics
c/o Olga Evdokimov
University of Illinois at Chicago
845 W. Taylor St. M/C 273
Chicago, Illinois, USA, 60607-7059

<http://qm2017.phy.uic.edu>

Conference Venue Address:

Hyatt Regency Chicago
151 East Wacker Drive
Chicago, Illinois, USA, 60601
Tel: +1 (312) 565- 1234

<https://chicago.regency.hyatt.com/en/hotel/home.html>

Conference Reception Address:

Art Institute of Chicago
111 South Michigan Avenue
Chicago, Illinois, USA, 60603-6404
Tel: +1 (312) 443-3600

<http://www.artic.edu>

Childcare Services:

Downtown Children's Learning Place
400 North McClurg Court
Chicago, Illinois, USA, 60611
Tel: +1 (312) 828-9590

<http://childrenslearningplace.com>



Practical Information

Instructions for Presenters

Plenary and Parallel Talks:

Plenary presentations are allocated 25 min plus 5 min for discussion; parallel talks will have 17 min plus 3 min for discussion.

All speakers are required to upload their talk slides in PDF or PPTX format to the INDICO conference server by 18:00 the day before their scheduled presentation. It is the responsibility of the speakers to stop by the Speakers Office to ensure their presentation is displayed correctly. If you have any issues uploading your talk, or displaying the slides our Office staff will be happy to assist in resolving any technical issues.

The Speakers Office is located in the *New Orleans* room in the main meeting area, and will be open on Sunday from 16:00 to 19:00 with the conference check-in, and will remain open during the conference hours for the rest of the week.

Posters:

Poster boards will be installed in the *Regency C*, *Regency D*, and *International Suites (Acapulco, Hong Kong, and Toronto)*. The poster areas will open for poster mounting on Sunday, February 5th, from 16:00 to 19:00 with the conference check-in; posters can continue to be mounted throughout Monday morning. The poster session will start at 16:00 on Monday, February 6th. The posters will be moved to a secure location for the parallel session days (Tuesday and Wednesday), and will be reinstalled for display by the Organizers on Thursday, February 9th, and will remain on display until the closing of the conference on Saturday, February 11th.

Posters should be printed on A0 paper (width of 33.11 in/84.1 cm and height of 46.81 in/119 cm) or fit within this size. All posters must also be uploaded to the conference INDICO server in order to participate in the selection for the flash talk session at 10:00 on Saturday, February 11th.

Practical Information

Contacts

Conference Chairs:

Russell Betts (Illinois Institute of Technology)
Olga Evdokimov (University of Illinois at Chicago)
Ulrich Heinz (Ohio State University)

Email Contacts:

General information and questions:	qm2017info@listserv.uic.edu
Registration issues:	qm2017_register@listserv.uic.edu
Visa issues:	qm2017_visa@listserv.uic.edu
Young participants program:	qm2017_assist@listserv.uic.edu

Secretariat:

The Conference Office is located in the *San Francisco* room in the main meeting area.

Working Hours:

Sunday, February 5 th	8:00 – 19:00
Monday, February 6 th	8:00 – 20:00
Tuesday, February 7 th	8:00 – 20:00
Wednesday, February 8 th	8:00 – 20:00
Thursday, February 9 th	8:00 – 14:00
Friday, February 10 th	8:00 – 19:00
Saturday, February 11 th	8:00 – 14:00

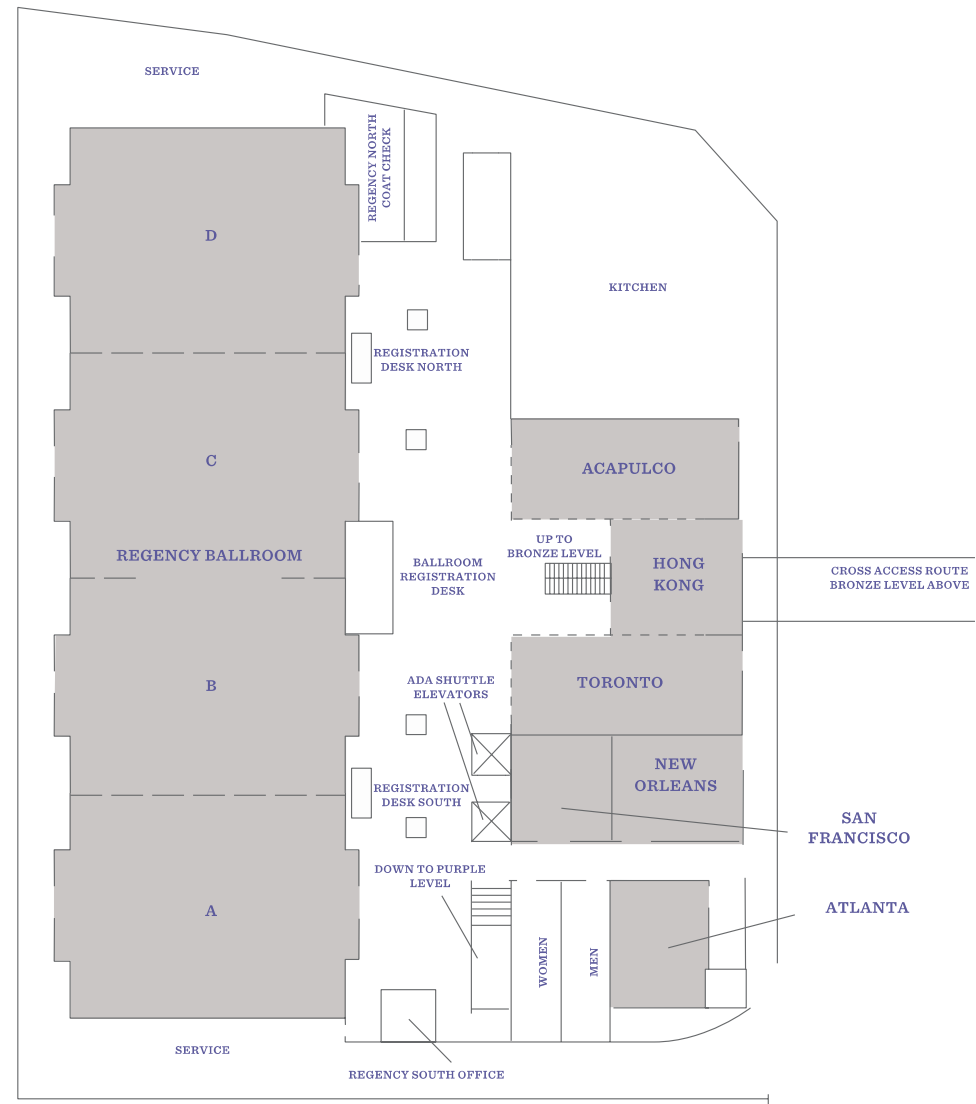
Practical Information

Area Map



Practical Information

Meeting Area: Hyatt Regency Chicago – Gold Level, West Tower





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