

QM2015 Time Table

	Sun. Sep. 27 th	Mon. Sep. 28 th	Tue. Sep. 29 th	Wed. Sep. 30 th	Thu. Oct. 1 st	Fri. Oct. 2 nd	Sat. Oct. 3 rd
		8:00-9:00 Check In					
9:00	9:00-12:15 Student Session I (KFM Hall "IO", 9F) p8	9:00-10:40 p9 Opening Ceremony, Opening Talk, Teaser talks (Atrium Plaza, 1F)	9:00-10:20 p18 Parallel Session IV (9F)	9:00-10:20 p26 Parallel Session VII (9F)	9:00-10:30 p30 Plenary Session I (Atrium Plaza, 1F)	9:00-10:30 p32 Plenary Session V (Atrium Plaza, 1F)	9:00-10:50 p34 Plenary Session VIII (Atrium Plaza, 1F)
10:00		Coffee break (9F)	Coffee break (9F)	Coffee break (9F)	Coffee break (9F)	Coffee break (1F&9F)	Coffee break (1F&9F)
11:00		11:15-12:55 p10 Parallel Session I (9F)	10:50-12:30 p20 Parallel Session V (9F)	10:50-12:30 p28 Parallel Session VIII (9F)	11:00-12:30 p30 Plenary Session II (Atrium Plaza, 1F)	11:00-12:30 p32 Plenary Session VI (Atrium Plaza, 1F)	11:20-12:50 p34 Flash Talks, Awards, Next QM (Atrium Plaza, 1F)
12:00	12:15-13:30 Lunch (Cafeteria, 9F)						
13:00		12:55-14:30 Lunch	12:30-14:00 Lunch		Conference Photo	12:30-14:00 Lunch	
14:00					12:35-14:00 Lunch		
15:00	13:30-16:45 p8 Student Session II (KFM Hall "IO", 9F)	14:30-16:30 p12 Parallel Session II (9F)	14:00-16:20 p22 Parallel Session VI (9F)	12:30-18:00 Excursion	14:00-16:00 p31 Plenary Session III (Atrium Plaza, 1F)	14:00-16:00 p33 Plenary Session VII (Atrium Plaza, 1F)	
16:00		Coffee break (9F)			Coffee break (1F&9F)	Coffee break (1F&9F)	
17:00		17:00-19:00 p14 Parallel Session III (9F)	16:30-18:30 Poster Session (Exhibit. space 3&4, 9F)		16:30-18:30 p31 Plenary Session IV (Atrium Plaza, 1F)	16:30-18:30 p33 Special Session (Atrium Plaza, 1F)	
18:00	16:30-20:00 Check In (Main entrance, 1F), Welcome Drink (Cafeteria, 9F)						
19:00			19:00-20:00 Social event: Gagaku (KFM Hall "IO", 9F)				
20:00						20:00-22:00 Conference Dinner (ANA Crowne Plaza Hotel Kobe)	

9:00-16:45 **Student Day**
(KFM Hall "IO")

9:00 Theory Overview
Bjoern Schenke

9:50 break

10:00 Soft observables
Nu Xu

10:50 break

11:00 Flow
Jean-Yves Ollitrault

11:50 Q & A session - I

12:15 Lunch
(Cafeteria (9F))

13:30 QCD in heavy ion collisions
Kenji Fukushima

14:20 break

14:30 Hard observables
Gunther Roland

15:20 break

15:30 Experiment overview and perspectives
Barbara Jacak

16:20 Q & A session - II

16:30-20:00 **Check In**
(Information desk,
Main entrance (1F))

Welcome Drink
(Cafeteria (9F))

8:00-9:00 **Check In** (Information desk, Main entrance (1F))

9:00-9:30 **Opening Ceremony** (Atrium plaza, chair: *Yasuyuki Akiba*)

9:00 Welcome by Hideki Hamagaki, Chair of the QM2015 Conference

9:04 Welcome by Yasuhiko Fujii, President of the Japanese Physical Society

9:09 Welcome by Kumie Inose, Vice-President of Science Council of Japan

9:14 Welcome by Kizo Hisamoto, Mayor of Kobe

9:19 Welcome by Takaharu Otsuka, Director of the Center for Nuclear Study, The University of Tokyo

9:24 Welcome by Hideto En'yo, Director of the RIKEN Nishina Center

9:29 Message by Shinzo Abe, Prime Minister of Japan (to be read by Yasuyuki Akiba, RIKEN)

9:30-10:15 **Opening Talk** (Atrium plaza, chair: *Yasuyuki Akiba*)

9:30 Ultrarelativistic heavy ion collisions: the first billion seconds
Gordon Baym

10:15-10:40 **Teaser Talks**
(Atrium plaza, chair: *Yasuyuki Akiba*)

10:15 ALICE
Johannes Peter Wessels

10:20 ATLAS
Adam Trzupek

10:25 CMS
Yen-Jie Lee

10:30 PHENIX
David Morrison

10:35 STAR
Frank Geurts

10:40-11:15 **Coffee Break** (9F)

11:15-12:55 Parallel	Quarkonia I (KFM Hall “IO”, chair: <i>Thomas Peitzmann</i>)	New Theoretical Development I (Exhibition Space 1-B, chair: <i>Chihiro Sasaki</i>)	Open Heavy Flavors and Strangeness I (Exhibition Space 2-B, chair: <i>Yu-Gang Ma</i>)	QCD at High Temperature (Convention Room 1, chair: <i>Frithjof Karsch</i>)
11:15	Quarkonium production in proton-proton and proton-lead collisions with ATLAS at the LHC <i>Qipeng Hu</i>	Chiral Kinetic Theory <i>Misha Stephanov</i>	Identified light and strange hadron spectra at $\sqrt{s_{NN}}=14.5$ GeV and systematic study of baryon/meson effect at intermediate transverse momentum with STAR at RHIC BES I <i>James Brandenburg</i>	Recent progress in understanding gauge topology, confinement and chiral symmetry breaking <i>Rasmus Larsen</i>
11:35	J/ψ and $\psi(2S)$ production in p-Pb collisions with ALICE at the LHC <i>Marco Leoncino</i>	Chiral drag force <i>Andrey Sadofyev</i>	Multiplicity and rapidity dependence of strangeness and multi-strangeness production in pp, pPb and PbPb at CMS <i>Hong Ni</i>	The topological structures in strongly coupled QGP with chiral fermions on the lattice <i>Sayantana Sharma</i>
11:55	LHCb results from proton ion collisions <i>Zhenwei Yang</i>	Third order relativistic dissipative fluid dynamics in heavy-ion collisions and astrophysics <i>Azwinndini Muronga</i>	ϕ production at forward rapidity in pp, pPb and PbPb collisions with ALICE <i>Alessandro De Falco</i>	QCD phase diagram from analytical continuation <i>Szabolcs Borsanyi</i>
12:15	Cold Nuclear Matter Effects on J/ψ and Upsilon production in p+Pb collisions at 5 TeV and Pb+Pb collisions at 5.1 TeV <i>Ramona Vogt</i>	Hydrodynamics with chiral anomaly and charge separation in relativistic heavy ion collisions <i>Xu-Guang Huang</i>	Violation of mass ordering for multi-strange hadrons at RHIC and LHC <i>Shiori Takeuchi</i>	Energy loss and shear viscosity at NLO in a high-temperature QGP <i>Jacopo Ghiglieri</i>
12:35	Forward J/ψ production in pA collisions at the LHC <i>Bertrand Ducloue</i>	What flows in the chirally anomalous transport? <i>Kenji Fukushima</i>	Results from (anti-)(hyper-)nuclei production and searches for exotic bound states with ALICE at the LHC <i>Natasha Sharma</i>	Confronting fluctuations of conserved charges in central nuclear collisions at the LHC with predictions from Lattice QCD <i>Alexander Philipp Kalweit</i>
12:55-14:30	Lunch		Lunch	

14:30-16:30 Parallel	Correlations and Fluctuations I (KFM Hall “IO”, chair: <i>Tapan Nayak</i>)	Jets and High pT Hadrons I (Exhibition Space 1-B, chair: <i>John Harris</i>)	Open Heavy Flavors and Strangeness II (Exhibition Space 2-B, chair: <i>Zhangbu Xu</i>)	Initial State Physics and Approach to Equilibrium I (Convention Room 1, chair: <i>Sangyong Jeon</i>)
14:30	Higher moments of net-proton and net-charge multiplicity distributions at 14.5 GeV measured in Au+Au collisions at mid-rapidity with STAR at RHIC <i>Jochen Thaefer</i>	Charged particle production in proton-lead collisions measured by the ATLAS detector <i>Evgeny Shulga</i>	Charm degrees of freedom above deconfinement <i>Peter Petreczky</i>	Re-weighting at the LHC: the p-Pb data impact <i>Maria Zurita</i>
14:50	Longitudinal Asymmetry and its Measurable Effects in Pb-Pb Collisions at 2.76 TeV <i>Rashmi Raniwala</i>	Decomposing energy balance contributions for quenched jets with CMS <i>Olga Evdokimov</i>	PHENIX measurement of single electrons from charm and bottom decays at midrapidity in Au+Au collisions <i>Darren McGlinchey</i>	Charged-Particle Multiplicity Distributions over Wide Pseudorapidity Range in Proton-Proton Collisions with ALICE <i>Valentina Zaccaro</i>
15:10	Measurement of the correlation between flow harmonics of different order in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with ATLAS <i>Sooraj Krishnan Radhakrishnan</i>	Angular distributions of the quenched energy flow from dijets with different radius parameters in CMS <i>Christopher Mc Ginn</i>	Nuclear Modification Factors of D Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV <i>Guannan Xie</i>	Centrality and pseudorapidity dependence of transverse energy flow in pPb collisions at 5.02 TeV with CMS <i>Christopher Ryan Edwards-Bruner</i>
15:30	Thermal blurring effects on fluctuations of conserved charges in rapidity space <i>Masayuki Asakawa</i>	Interplay between Mach cone and radial expansion in jet events <i>Yasuki Tachibana</i>	Measurements of heavy-flavour nuclear modification factor and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE <i>Andrea Dubla</i>	Initial state from holography <i>Wilke van der Schee</i>
15:50	Influence of conservation laws on higher moments of the net proton and net charge distribution <i>Hannah Petersen</i>	Thermalization of mini-jets in a quark-gluon plasma <i>Bin Wu</i>	Beauty production in heavy ion collisions with CMS <i>Jian Sun</i>	Initial state azimuthal anisotropies in small collision systems <i>Tuomas Lappi</i>

14:30-16:30 (Continued)	(Correlations and Fluctuations I)	(Jets and High pT Hadrons I)	(Open Heavy Flavours and Strangeness II)	(Initial State Physics and Approach to Equilibrium I)
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16:10	Nonlinear hydrodynamic response confronts LHC data <i>Li Yan</i>	Energy flow in gamma-jets events of heavy-ion collisions <i>Tan Luo</i>	event by event correlations between light and heavy mesons <i>Joerg Aichelin</i>	Azimuthal Harmonics at RHIC and LHC energies: Competition between Initial State Bremsstrahlung and Final State Hydrodynamics <i>Peter Levai</i>
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16:30-17:00 **Coffee Break**

Coffee Break

17:00-19:00 Parallel	Correlations and Fluctuations II (KFM Hall "IO", chair: <i>Joachim Stroth</i>)	Jets and High pT Hadrons II (Exhibition Space 1-B, chair: <i>Francois Gelis</i>)	QGP in Small Systems I (Exhibition Space 2-B, chair: <i>Jiangyong Jia</i>)	Initial State Physics and Approach to Equilibrium II (Convention Room 1, chair: <i>Federico Antinori</i>)
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17:00	NA61/SHINE results on fluctuations and correlations in p+p and Be+Be interactions at CERN SPS energies <i>Maja Katarzyna Mackowiak-Pawlowska</i>	Fragmentation patterns of jets in pPb collisions in CMS <i>Austin Alan Baty</i>	Direct photon production and jet quenching in small systems <i>Charles Gale</i>	Charge-dependent anisotropic flow in Cu+Au collisions <i>Takafumi Niida</i>
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17:20	Indications for a Critical End Point in the Phase Diagram for Hot and Dense Nuclear Matter <i>Roy Lacey</i>	Exploring jet sub-structure in Pb-Pb collisions at 2.76 TeV with ALICE <i>Leticia Cunqueiro Mendez</i>	Flow in small systems from parton scatterings <i>Guo-Liang Ma</i>	PHENIX results on flow observables in asymmetric Cu+Au collisions <i>Brennan Schaefer</i>
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17:00-19:00 **(Correlations and Fluctuations II)** **(Jets and High pT Hadrons II)**
(Continued)

(QGP in Small Systems I)

(Initial State Physics and Approach to Equilibrium II)

17:40 Systematics of higher order net-baryon number fluctuations at small values of the baryon chemical potential: A comparison of lattice QCD and beam energy scan results
Frithjof Karsch

Subjet structure as a discriminating quenching probe
Xiaoming Zhang

Effects produced by multi-parton interactions and color reconnection in small systems
Guy Paic

The influence of pre-equilibrium dynamics on heavy-ion collision observables
Ulrich Heinz

18:00 Modeling chiral criticality and its consequences for heavy ion collisions
Gabor Almasi

Jet Hadronization via Recombination of Parton Showers in Vacuum and in Medium
Rainer Fries

Differential multi-particle correlation measurements for pPb collisions at CMS
Quan Wang

Early Time Dynamics of Gluon Fields in High Energy Nuclear Collisions
Joseph Kapusta

18:20 Correlated fluctuations near the QCD critical point
Huichao Song

Modification of reconstructed jets in heavy-ion collisions
Xin-Nian Wang

Light flavour results in p-Pb collisions with ALICE
Antonio Ortiz Velasquez

Resumming large radiative corrections in the high-energy evolution of the Color Glass Condensate
Edmond Iancu

18:40 Heavy-light flavor correlations and the QCD phase boundary
Chihiro Sasaki

Consequences (and a possible explanation) of the $R_{pA}^{\text{jet}} - R_{pA}^{\text{hadron}}$ puzzle
Urs Wiedemann

PHENIX results on collectivity in $^3\text{He}+\text{Au}$ collisions
Shengli Huang

The non-trivial interplay of elastic and inelastic collisions in the thermalization of the quark-gluon plasma
Jean-Paul Blaizot

9:00-10:20 Parallel	Quarkonia II (KFM Hall "IO", chair: <i>Min Jung Kweon</i>)	New Theoretical Developments II (Exhibition Space 1-B, chair: <i>Teiji Kunihiro</i>)	Collective Dynamics I (Exhibition Space 2-B, chair: <i>In-Kwon Yoo</i>)	Open Heavy Flavors and Strangeness III (Convention Room 1, chair: <i>Zaida Conesa Del Valle</i>)
9:00	PHENIX measurement of the collision system and multiplicity dependence of heavy quarkonia production <i>Anthony Frawley</i>	Strong-Coupling Effects in a Plasma of Confining Gluons <i>Radoslaw Ryblewski</i>	Measurement of D Meson Azimuthal Anisotropy in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV from STAR <i>Michael Lomnitz</i>	PHENIX measurement of $b\bar{b}$ production in $p+p$ collisions <i>Abhisek Sen</i>
9:20	Charmonium production in Pb-Pb collisions with ALICE at the LHC <i>Hugo Denis Antonio Pereira Da Costa</i>	Matrix model of the semi-QGP with quarks <i>Robert Pisarski</i>	Beam-Energy and Centrality Dependence of Directed Flow of $\Lambda, \bar{\Lambda}, \phi, K_s^0, K^\pm, p, \bar{p}, \pi^\pm$ <i>Prashanth Shanmuganathan</i>	Measurements of heavy-flavour production in p-Pb collisions with ALICE <i>Jeremy Wilkinson</i>
9:40	Upsilon production measurements in pp, p-Pb and Pb-Pb collisions with ALICE <i>Indranil Das</i>	Soft-Collinear Effective theory for hadronic and nuclear collisions: The evolution of jet quenching form RHIC to the highest LHC energies <i>Ivan Vitev</i>	(Anti)-deuteron production and anisotropic flow measured with ALICE at the LHC <i>Ramona Lea</i>	Heavy-flavour correlations and multiplicity dependence in pp and p-Pb collisions with ALICE <i>Fabio Filippo Colamaria</i>
10:00	In-medium quarkonium properties from a lattice QCD based effective field theory <i>Alexander Rothkopf</i>	In-medium jet evolution: interplay between broadening and decoherence effects <i>Liliana Apolinario</i>	Event shape engineering with the ALICE detector <i>Anthony Robert Timmins</i>	Medium-effects on heavy-flavour production in large and small systems <i>Andrea Beraudo</i>

10:20-10:50 **Coffee Break**

Coffee Break

10:50-12:30 Parallel	Jets and High pT Hadrons III (KFM Hall “IO”, chair: <i>Carlos Albert Salgado Lopez</i>)	Correlations and Fluctuations III (Exhibition Space 1-B, chair: <i>Sandra Padula</i>)	Collective Dynamics II (Exhibition Space 2-B, chair: <i>Chiho Nonaka</i>)	Open Heavy Flavors and Strangeness IV (Convention Room 1, chair: <i>Paolo Giubellino</i>)
10:50	A Comprehensive Analysis of Jet Quenching via a Hybrid Strong/Weak Coupling Model for Jet-Medium Interactions <i>Daniel Pablos</i>	PHENIX results on fluctuations and Bose-Einstein correlations in Au+Au collisions from the RHIC Beam Energy Scan <i>Prakhar Garg</i>	Anisotropic hydrodynamics for conformal Gubser flow <i>Michael Strickland</i>	Heavy quark suppression and D-hadron (D-D) correlations in heavy-ion collisions <i>Shanshan Cao</i>
11:10	Consistency of Perfect Fluidity and Jet Quenching in semi-Quark-Gluon Monopole Plasmas <i>Jiechen Xu</i>	Femtoscopy of identified particles in Pb-Pb collisions with ALICE at the LHC <i>Ludmila Malinina</i>	Effects of the longitudinal event-by-event fluctuations in viscous hydrodynamics. <i>LongGang Pang</i>	Measurements of D_s^\pm -meson R_{CP} and v_2 in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV in STAR <i>Nasim Md</i>
11:30	Direct-photon+hadron correlations to study parton energy loss with the STAR experiment <i>Nihar Sahoo</i>	Femtoscopic measurements in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector <i>Markus Kohler</i>	Hydrodynamic fluctuations and dissipation in an integrated dynamical model <i>Koichi Murase</i>	Measurements of Open Heavy Flavor Production in Semi-leptonic Channels in p+p, U+U and Au+Au Collisions at STAR <i>Xiaozhi Bai</i>
11:50	PHENIX results on jet correlations via high- p_T hadrons and photons <i>Ali Hanks</i>	Observable consequences of event-by-event fluctuations of HBT radii <i>Christopher Plumberg</i>	The Rapidity Density Distributions and Longitudinal Expansion Dynamics of Identified Pions from the STAR Beam Energy Scan <i>Chris Flores</i>	PHENIX results on heavy-flavor yields at forward rapidity <i>Melynda Brooks</i>
12:10	Azimuthal anisotropy of charged jet production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions with ALICE <i>Redmer Alexander Bertens</i>	Measuring baryon-(anti-)baryon interaction cross-sections with femtoscopy in heavy-ion collisions <i>Adam Kisiel</i>	Studies on longitudinal fluctuations of anisotropy flow event planes in PbPb and pPb collisions at CMS <i>Maxime Guilbaud</i>	RAA and v_2 of muons from heavy-quark decays in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector <i>Alexander Milov</i>
12:30-14:00	Lunch		Lunch	

14:00-16:20 Parallel	Jets and High pT Hadrons IV (KFM Hall "IO", chair: <i>Yves Schutz</i>)	Correlations and Fluctuations IV (Exhibition Space 1-B, chair: <i>Fuqiang Wang</i>)	QGP in Small Systems II (Exhibition Space 2-B, chair: <i>Gunther Roland</i>)	Future Experimental Facilities, Upgrades, and Instrumentation (Convention Room 1, chair: <i>Megumi Naruki</i>)
14:00	Dynamical energy loss as a novel tomographic tool of QGP at RHIC and LHC <i>Magdalena Djordjevic</i>	Magnetohydrodynamics and charged flow in non-central heavy ion collisions <i>Umut Gursoy</i>	PHENIX results on collectivity tests in high-multiplicity $p+p$ and $p+Au$ collisions <i>Itaru Nakagawa</i>	Prospects for the dense baryonic matter research at NICA <i>Vladimir Kekelidze</i>
14:20	Jet Formation and Interference in Quark Gluon Plasma <i>Jorge Casalderrey Solana</i>	Charge-dependent correlations from event-by-event anomalous hydrodynamics <i>Yuji Hirono</i>	To Be (Collective) or Not to Be (Collective) - Different Theoretical Approaches to Describing Small Collisions System Observables <i>Jamie Nagle</i>	Studies of high density baryon matter with high intensity heavy-ion beams at J-PARC <i>Hiroyuki Sako</i>
14:40	PHENIX results on reconstructed jets in $p+p$ and heavy ion collisions <i>Arbin Timilsina</i>	The ridge and di-hadron correlations from the Beam Energy Scan at RHIC <i>Liao Song</i>	Measurement of the long-range azimuthal correlations in pp collisions at $\sqrt{s}=13\text{TeV}$ with the ATLAS detector at the LHC <i>Mingliang Zhou</i>	Nuclear collisions at the Future Circular Collider <i>Nestor Armesto Perez</i>
15:00	Semi-inclusive charged jet measurements in Au+Au collisions at $\sqrt{s_{NN}} = 200\text{ GeV}$ with STAR <i>Peter Martin Jacobs</i>	Forward-backward multiplicity fluctuation and longitudinal harmonics in high-energy nuclear collisions <i>Peng Huo</i>	Azimuthal anisotropy harmonics from long-range correlations in high multiplicity pp collisions at CMS <i>Zhenyu Chen</i>	The STAR Heavy Flavor Tracker and Upgrade Plan <i>Giacomo Contin</i>
15:20	Measurement of high p_T photons and neutral mesons in pp and Pb-Pb collisions at mid-rapidity with ALICE <i>Astrid Morreale</i>	Measurement of two-particle pseudorapidity correlations in proton-lead and lead-lead collisions with the ATLAS detector <i>Jiangyong Jia</i>	Strangeness production as a function of charged particle multiplicity in proton-proton collisions <i>Livio Bianchi</i>	sPHENIX calorimeter design and jet performance <i>John Haggerty</i>

14:00-16:20 (Continued) **(Jets and High pT Hadrons IV)** **(Correlations and Fluctuations IV)**

(QGP in Small Systems II)

(Future Experimental Facilities, Upgrades, and Instrumentation)

15:40	Jet suppression and the flavor dependence of partonic energy loss with ATLAS <i>Tomas Kosek</i>	Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV <i>Evgeny Kryshen</i>	Causal hydrodynamic fluctuation in Bjorken expansion <i>Kenichi Nagai</i>	Upgrade of the ALICE Inner Tracking System <i>Petra Riedler</i>
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16:00 New results on inclusive and reaction plane dependent dijet asymmetry in Pb+Pb collisions with ATLAS
Dennis Vadimovich Perepelitsa

Multiplicity and transverse momentum dependence of electric charge balance functions
Panos Christakoglou

Saturation or collectivity in p+A collisions at RHIC and LHC?
Adam Bzdak

The ALICE TPC: from wires to GEMs
Chilo Garabatos Cuadrado

16:20-16:30 **Short Break**

16:30-18:30 **Poster Session**
(Exhibition space 3 & 4)

19:00-20:00 **Social event: “Gagaku” play (Ancient Imperial Court Music and Dances of Japan)**
(KFM Hall “IO”)

9:00-10:20 Parallel	Collective Dynamics III (KFM Hall "IO", chair: <i>Boris Hippolyte</i>)	Quarkonia III (Exhibition Space 1-B, chair: <i>Su Houng Lee</i>)	Electromagnetic Probes I (Exhibition Space 2-B, chair: <i>Charles Gale</i>)	Quark Matter in Astrophysics (Convention Room 1, chair: <i>Bikash Sinha</i>)
9:00	Does non-monotonic behavior of directed flow signal the onset of deconfinement ? <i>Yasushi Nara</i>	Charmonium and bottomonium spectral functions from lattice QCD at finite temperature <i>Hiroshi Ohno</i>	Thermal photons from a modern hydrodynamical model of heavy ion collisions: status of the direct photon puzzle <i>Jean-Francois Paquet</i>	Lattice QCD for Baryon Rich Matter – Beyond Taylor Expansions <i>Atsushi Nakamura</i>
9:20	Bulk evolution of heavy ion collisions in the beam energy scan: New developments and first results <i>Bjoern Schenke</i>	Spectral Functions from anisotropic Lattice QCD. <i>Maria Paola Lombardo</i>	Jet fragmentation photons in ultrarelativistic heavy-ion collisions <i>Koichi Hattori</i>	QCD constraints on the equation of state for compact stars <i>Eduardo Fraga</i>
9:40	Study of the Bulk Properties of the System Formed in Au+Au Collisions at $\sqrt{s_{NN}} = 14.5$ GeV Using the STAR Detector at RHIC <i>Vipul Bairathi</i>	Measurements of Quarkonium Polarization and Production versus Charged-Particle Multiplicity in p+p Collisions at $\sqrt{s} = 500$ GeV in the STAR experiment <i>Barbara Trzeciak</i>	PHENIX measurements of thermal photon production in Au+Au collisions <i>Richard Petti</i>	Hot Neutron Stars with Hadron-Quark Crossover <i>Kota Masuda</i>
10:00	Measurements of Correlations between Anisotropic Flow Harmonics in Pb-Pb Collisions in ALICE <i>You Zhou</i>	CMS Charmonia results from Run I <i>Yongsun Kim</i>	Direct Photons in Pb-Pb collisions with ALICE <i>Baldo Sahlmueller</i>	Phenomenological QCD equations of state for massive neutron stars <i>Toru Kojo</i>

10:20-10:50 **Coffee Break**

Coffee Break

10:50-12:30 Parallel	Collective Dynamics IV (KFM Hall “IO”, chair: <i>Raimond Snellings</i>)	Quarkonia IV (Exhibition Space 1-B, chair: <i>Jean-Paul Blaizot</i>)	Electromagnetic Probes II (Exhibition Space 2-B, chair: <i>Harald Appelshauser</i>)	Baryon Rich QCD Matter (Convention Room 1, chair: <i>Claudia Hoehne</i>)
10:50	PHENIX results on centrality dependence of yields and correlations in $d+Au$ collisions <i>Takao Sakaguchi</i>	J/ψ and Υ measurements in the di-muon channel in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the STAR experiment <i>Rongrong Ma</i>	PHENIX results on low-mass dileptons in Au+Au collisions with the Hadron Blind Detector <i>Mihael Makek</i>	Critical point search from an extended parameter space of lattice QCD at finite temperature and density <i>Shinji Ejiri</i>
11:10	Higher harmonic anisotropic flow of identified particles in Pb-Pb collisions with the ALICE detector <i>Naghmeh Mohammadi</i>	Observation of a J/ψ yield enhancement at very low pT in Pb-Pb collisions at 2.76 TeV <i>Gines Martinez-Garcia</i>	System-size and energy dependences of dielectron excess invariant-mass spectra at STAR <i>Shuai Yang</i>	Real time evolution of non-Gaussian cumulants in the QCD critical regime <i>Swagato Mukherjee</i>
11:30	Principle Component Analysis of two-particle correlations in PbPb and pPb collisions at CMS <i>Jovan Milosevic</i>	CMS bottomonia results from Run I <i>Mihee Jo</i>	Low-Mass Dielectron Measurements in pp, p-Pb and Pb-Pb Collisions with ALICE <i>Patrick Simon Reichelt</i>	Estimation of the shear viscosity at finite net-baryon density from A+A collision data at $\sqrt{s_{NN}} = 7.7 - 200$ GeV <i>Iurii Karpenko</i>
11:50	Pinning down QCD-matter shear viscosity in A+A collisions via EbyE fluctuations using pQCD + saturation + hydrodynamics <i>Harri Niemi</i>	Upsilon suppression in the QGP at the LHC <i>Georg Wolschin</i>	Vector boson production in p+Pb and Pb+Pb collisions measured with ATLAS at the LHC <i>Iwona Grabowska-Bold</i>	Measurement of hadron suppression at 14.5GeV and study of its connection with the disappearance of other QGP signatures at low $\sqrt{s_{NN}}$ in Au+Au collisions with STAR at RHIC in BES I <i>Stephen Horvat</i>
12:10	Elliptic Anisotropy v_2 May Be Dominated by Particle Escape instead of Hydrodynamic Flow <i>Zi-Wei Lin</i>	Dynamical upsiion-suppression in the Schroedinger-Langevin approach <i>Pol Gossiaux</i>	W and Z bosons in pp, pPb and PbPb with CMS <i>Emilien Chapon</i>	PHENIX results on global observables and flow in Au+Au collisions from the RHIC Beam Energy Scan <i>Jeffery Mitchell</i>
12:30-18:00	Excursion		Excursion	

9:00-10:30 **Plenary Session I**
(Atrium plaza, chair: *Nu Xu*)

9:00 Overview of recent ALICE results
Taku Gunji

9:30 ATLAS Highlights
Aaron Angerami

10:00 Overview of recent heavy-ion results from CMS
Byungsik Hong

10:30-11:00 **Coffee Break**

11:00-12:30 **Plenary Session II**
(Atrium plaza, chair: *Johanna Stachel*)

11:00 PHENIX overview
Axel Drees

11:30 Overview of recent results from the STAR experiment
Mustafa Mustafa

12:00 Lattice QCD : bulk and transport properties of QCD Matter
Claudia Ratti

12:30-12:35 **Conference photo**

12:35-14:00 **Lunch**

14:00-16:00 **Plenary Session III**
(Atrium plaza, chair: *Krzysztof Redlich*)

14:00 Experimental overview on flow observables in heavy ion collisions
Soumya Mohapatra

14:30 Theory of collective dynamics : flow, fluctuations and correlations in heavy ion collisions
Gabriel Denicol

15:00 Experimental overview on beam energy scan
Xiaofeng Luo

15:30 QCD Critical Point and Related Observables
Marlene Nahrgang

16:00-16:30 **Coffee Break**

16:30-18:30 **Plenary Session IV**
(Atrium plaza, chair: *Dmitri Kharzeev*)

16:30 Heavy-ion Collisions and Cosmology
Stefan Floerchinger

17:00 Femtoscopy in Relativistic Heavy Ion Collisions: An Experimental Overview at the End of the Third Decade
Mike Lisa

17:30 Chiral magnetic effect in heavy-ion collisions
Jinfeng Liao

18:00 Chiral magnetic effect in condensed matter systems
Qiang Li

9:00-10:30 **Plenary Session V**
(Atrium plaza, chair: *Itzhak Tserruya*)

9:00 Experimental overview on open heavy flavor
Ralf Aeverbeck

9:30 Heavy quark transport and quarkonium production
Pengfei Zhuang

10:00 Experimental overview on quarkonium production
Roberta Araldi

10:30-11:00 **Coffee Break**

11:00-12:30 **Plenary Session VI**
(Atrium plaza, chair: *Dinesh Srivastava*)

11:00 Initial state of the HIC: thermalization and isotropization
Eero Aleksi Kurkela

11:30 Gravitational collapse, holography and hydrodynamics in extreme conditions
Paul Chesler

12:00 Analytic approaches to relativistic hydrodynamics
Yoshitaka Hatta

12:30-14:00 **Lunch**

14:00-16:00 **Plenary Session VII**
(Atrium plaza, chair: *Barbara Krystyna Wosiek*)

14:00 Experimental overview on jets and high pT hadrons
Matthew Nguyen

14:30 Theoretical Developments in pQCD energy loss mechanism
Yacine Mehtar-Tani

15:00 Experimental overview on EM observables
Yosuke Watanabe

15:30 Theoretical Overview on Electromagnetic radiations from QGP fluids
Chun Shen

16:00-16:30 **Coffee Break**

16:30-18:30 **Special session on “QGP in small systems?”**
(Atrium plaza, chair: *Jurgen Schukraft*)

16:30 Experimental overview on small colliding systems at RHIC
Paul Stankus

16:50 Experimental overview on small colliding systems at LHC
Constantinos Loizides

17:10 Hydrodynamics
Piotr Bozek

17:30 Pre-equilibrium dynamics
Soeren Schlichting

17:50 Summary of other reasonable theoretical ideas
Paul Romatschke

18:10 round table discussion

20:00-22:00 **Conference Dinner**
(ANA Crowne Plaza Hotel Kobe, the Ballroom (10F))

9:00-10:50 **Plenary Session VIII**

(Atrium plaza, chair: *William Zajc*)

9:00 Neutron star mergers, high density EoS, and gravitational waves

Masaru Shibata

9:30 Gluon saturation and EIC

Ernst Sichtermann

10:00 Prospects of LHCb in heavy ion physics

Giulia Manca

10:20 Future of Heavy Ion Physics

Shoji Nagamiya

10:50-11:20 **Coffee Break**

11:20-12:50 **Flash talks, Awards, Next QM**

(Atrium plaza)