

**Quark Matter 2015- XXV  
International Conference on  
Ultrarelativistic  
Nucleus-Nucleus Collisions**

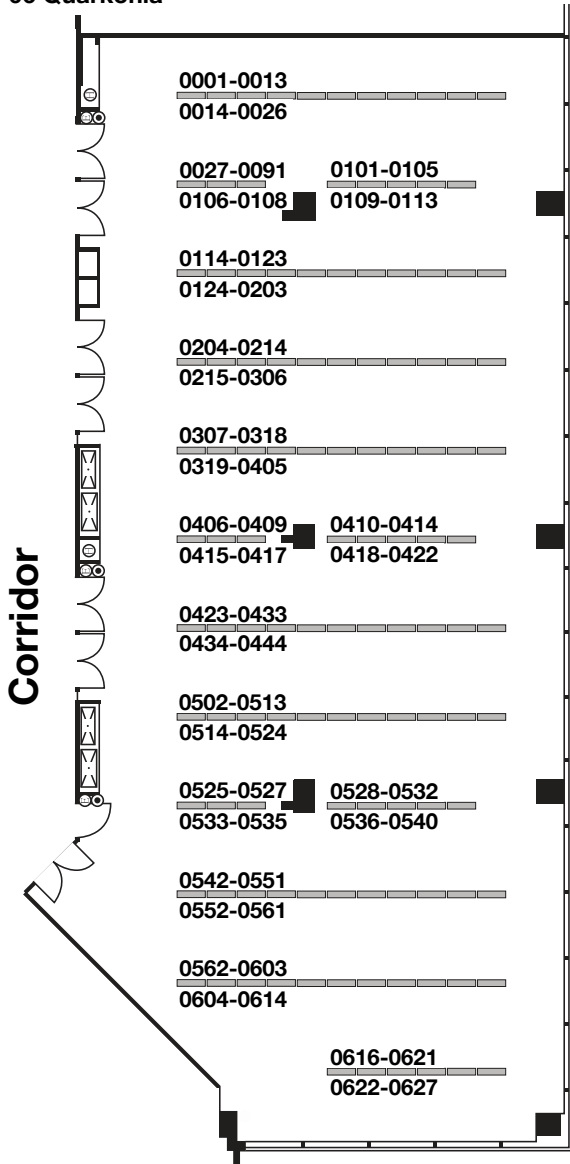


**List of Posters  
Sorted by Board-ID**

# Exhibition Space 4

(Board # 0001 - 0627)

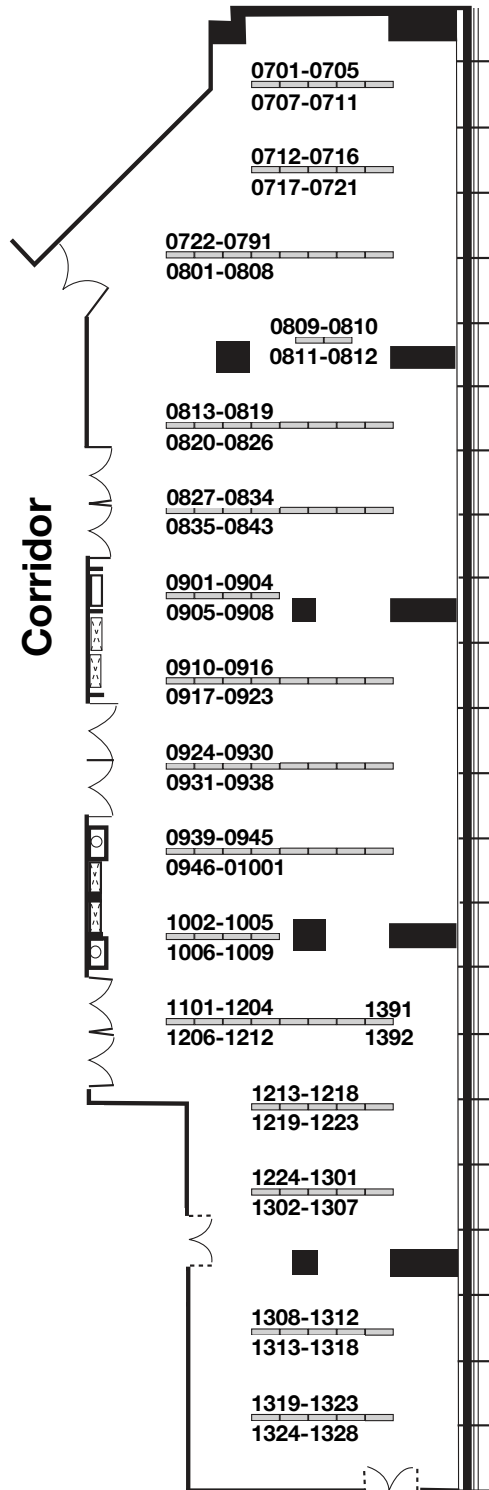
- 00 QCD at High Temperature
- 01 Baryon Rich QCD Matter
- 02 QGP in Small Systems
- 03 Initial State Physics and Approach to Equilibrium
- 04 Jets and High pT Hadrons
- 05 Open Heavy Flavors and Strangeness
- 06 Quarkonia



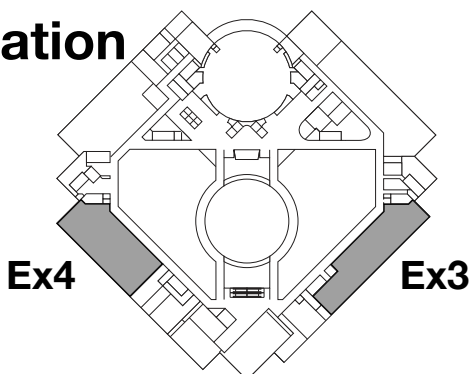
# Exhibition Space 3

(Board # 0701 - 1392)

- 07 Electromagnetic Probes
- 08 Collective Dynamics
- 09 Correlations and Fluctuations
- 10 Quark Matter in Astrophysics
- 11 Relations to Other Strongly Coupled Systems
- 12 New Theoretical Developments
- 13 Future Experimental Facilities, Upgrades, and Instrumentation



## Location



## QCD at High Temperature (Exhibition Space 4)

Board #	Presenter	Title
0003	<b>BEGUN, Viktor</b>	The role of the sigma meson in thermal models
0004	<b>BERREHRAH, Hamza</b>	The Quark Gluon Plasma as a Dynamical Quasi-Particle Medium
0005	<b>CHRISTENSEN, Christian Holm</b>	Broad eta Range Survey of $1/N$ dNch/deta at the LHC
0006	<b>DOI, Takahiro</b>	Deconfinement and chiral crossover with Dirac-mode expansion in QCD
0007	<b>EZZELARAB, Nada</b>	QCD equation of state at finite density and finite magnetic field
0008	<b>GRINBAUM SARKISYAN, Edward</b>	Universality of particle production and energy balance in hadronic and nuclear collisions
0009	<b>GUO, Yun</b>	Matrix Models for Deconfinement and Their Perturbative Corrections
0011	<b>IWAMI, Ryo</b>	Chemical potential dependence of the critical quark mass with Many flavor approach
0012	<b>KIM, HyungJoo</b>	Renormalization and temperature dependence of dimension 6 gluon operators
0013	<b>KOTOV, Andrey</b>	Lattice Two-Color QCD with nonzero chiral density
0014	<b>LIU, Hao</b>	Charged $\rho$ meson in a magnetic field at finite temperature and chemical potential
0016	<b>NORONHA, Jorge</b>	Holographic calculation of the QCD crossover temperature in a magnetic field
0017	<b>PALHARES, Leticia</b>	Thermodynamics of an exactly solvable confining quark model
0019	<b>PUGLISI, Armando</b>	Taking the ratio between shear viscosity and electric conductivity of QGP
0020	<b>PUNETHA, Garima</b>	SU(3) Dual QCD Formulation and Phase Transition at Finite Temperature
0021	<b>ROTHKOPF, Alexander</b>	Complex heavy quark potential at high temperature from lattice QCD and its consequences for phenomenology
0022	<b>SAHOO, Raghunath</b>	The q-statistics and QCD thermodynamics at LHC
0023	<b>SCHMIDT, Christian</b>	The QCD equation of state at nonzero temperature and density from lattice QCD
0024	<b>SOMORENDRO SINGH, Shougaijam</b>	Quark susceptibility calculation under one loop correction in the mean-field potential
0025	<b>SPRINGER, Paul</b>	QCD inspired determination of NJL-parameters
0026	<b>SUZUKI, Asobu</b>	Calculation of high-order cumulant with canonical ensemble method in lattice QCD
0027	<b>TYWONIUK, Konrad</b>	Long-range correlations in the deconfined phase of QCD
0028	<b>VECCHI, Stefania</b>	Future prospects for heavy ion physics with LHCb
0091	<b>PANG, Jin-Yi</b>	Entanglement Entropy of Several Bosonic Quantum Field Theories

## Baryon Rich QCD Matter (Exhibition Space 4)

Board #	Presenter	Title
0101	<b>BLUHM, Marcus</b>	(Non-)Critical fluctuation signals and their fate in heavy-ion collisions
0103	<b>ESHA, Roli</b>	Search for critical parton density fluctuations through baryon clustering
0104	<b>GORDA, Tyler</b>	Equation of state in two-, three-, and four-color QCD at nonzero temperature and density
0105	<b>HAQUE, Md. Rihan</b>	Production of light nuclei, coalescence parameter and Blast-wave model comparison in heavy-ion collisions at RHIC
0106	<b>HEGDE, Prasad</b>	The curvature of the chiral phase transition line at small values of the quark chemical potentials
0107	<b>JEONG, Kie Sang</b>	Nuclear Symmetry Energy in QCD degree of freedom
0108	<b>KADAM, Guruprasad</b>	Dissipative properties of hot and dense hadronic matter in excluded volume hadron resonance gas model
0109	<b>KAMIKADO, Kazuhiko</b>	Phonons, Pions and Quasi-Long-Range Order in Spatially Modulated Chiral Condensates
0110	<b>KAPUSTA, Joseph</b>	Crossover Equation of State Compared to Lattice QCD and to Baryon Fluctuations in the RHIC Beam Energy Scan
0111	<b>KARASAWA, Shintaro</b>	Fluctuation-induced effects in inhomogeneous chiral phases
0112	<b>KASHIWA, Kouji</b>	Inhomogeneous chiral condensates and nonanalyticity under external magnetic field
0113	<b>KISEL, Ivan</b>	Event-by-event extraction of kinetic and chemical freeze-out properties in the CBM experiment
0114	<b>LEE, Tong-Gyu</b>	Inhomogeneous chiral condensed phases with an algebraic long-range order
0115	<b>MARTINEZ GUERRERO, Mauricio</b>	Baryon number fluctuations around an expanding Bjorken background
0116	<b>MEEHAN, Kathryn</b>	STAR Au + Au Fixed Target Results
0117	<b>MORITA, Kenji</b>	Yang-Lee Zeros and Phase Boundary From Net-Baryon Number Multiplicity Distribution
0118	<b>NIKOLAEV, Alexander</b>	Lattice simulation of two-color QCD with $N_f=2$ at non-zero baryon density
0119	<b>NISIIYAMA, Kazuya</b>	Crystalline chiral condensates in an external magnetic field
0120	<b>HADES COLLABORATION, STROTH, Joachim</b>	Strangeness production in Au+Au collision at $\sqrt{s} = 2.4$ GeV
0121	<b>TANIGUCHI, Yusuke</b>	Study of high density phase transition in lattice QCD with canonical approach
0122	<b>TATSUMI, Toshitaka</b>	Lifshitz point for the inhomogeneous chiral phase transition in the magnetic field
0123	<b>TU, Biao</b>	Charge Asymmetry Correlations to Search for the Chiral Magnetic Effect from Beam Energy Scan by STAR
0124	<b>TURKO, Ludwik</b>	Mott-Hagedorn resonance gas and lattice QCD thermodynamics
0125	<b>WANG, Ziyue</b>	Critical exponents of chiral and isospin phase transitions
0126	<b>WEYRICH, Johannes</b>	Chiral mirror-baryon-meson model and nuclear matter beyond mean-field
0127	<b>XU, Ji</b>	Energy Dependence of Moments of Net-Kaon Multiplicity Distributions at STAR

0128	<b>YASUI, Shigehiro</b>	QCD Kondo effect in quark matter with heavy flavor impurities
0129	<b>YOKOTA, Takeru</b>	Spectral function analysis of the hydrodynamical mode around the QCD critical point with use of functional renormalization group
0130	<b>YU, Ning</b>	Beam energy dependence of d and dbar productions in Au+Au collisions at RHIC
0131	<b>ZHANG, Zhao</b>	Dual condensates at finite isospin chemical potential

## QGP in Small Systems (Exhibition Space 4)

Board #	Presenter	Title
0201	<b>BAUTISTA, Irais</b>	Collective medium in small collision systems with percolation color sources
0202	<b>BIERLICH, Christian</b>	Colour reconnections in the DIPSY Monte Carlo
0203	<b>FUKUDA, Yusuke</b>	Analysis methods to extract possible flow and ridge signal in small systems and application to high multiplicity events in 510 GeV p+p collisions at RHIC PHENIX experiment
0204	<b>GREBIESZKOW, Katarzyna</b>	NA61/SHINE results on spectra and yields in p+p and Be+Be collisions at CERN SPS energies
0205	<b>KALAYDZHYAN, Tigran</b>	Collective flow in high-multiplicity proton-proton collisions
0206	<b>KAWAGUCHI, Koji</b>	Collective flow in small systems from an integrated dynamical model
0207	<b>KOLBE, Isobel</b>	pQCD short path length corrections to (D)GLV energy loss in the QGP
0208	<b>KUDO, Sakiko</b>	Charged hadron production and two-particle correlations in $^3\text{He}+\text{Au}$ collisions at $\sqrt{s_{\text{NN}}}=200$ GeV measured with PHENIX detector
0209	<b>LACEY, Roy</b>	Scaling Properties of Particle Production, Azimuthal Anisotropy and Two-pion Emission Source Radii in p+p, p+A, d+A and A+A Collisions
0210	<b>LARSEN, Rasmus</b>	Interacting Ensemble of the Instanton-dyons and Deconfinement Phase Transition in the SU(2) Gauge Theory
0211	<b>MANCA, Giulia</b> <b>YANG, Zhenwei</b>	First measurements of long-range near-side angular correlations in $\sqrt{s_{\text{NN}}}=5$ TeV proton-lead collisions in the forward region
0212	<b>PADULA, Sandra</b>	The ridges in pp, pPb and PbPb at CMS
0213	<b>PEREZ LARA, Carlos Eugenio</b>	The PHENIX MPC-EX pre-shower detector
0214	<b>CMS collaboration</b>	Multiplicity dependence of $\chi$ production in pp, pPb and PbPb at CMS
0215	<b>SAKAGUCHI, Takao</b>	Systematic study of the parton energy loss from $p(\text{d}, ^3\text{He})+A$ to A+A collisions using high $p_{\text{T}}$ hadrons measured by the PHENIX experiment at RHIC
0216	<b>ATLAS collaboration</b>	Multi-particle azimuthal correlations in p+Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV with the ATLAS detector
0217	<b>SUN, Deke</b>	Covariant (D)GLV energy loss in proton-lead collisions at the LHC
0218	<b>XU, Qiao</b>	Search for long range angular correlations in high-multiplicity p+p collisions at $\sqrt{s}=200$ GeV from PHENIX
0219	<b>YAMAMOTO, Hiroki</b>	Flow and correlation measurement in d+Au collisions at $\sqrt{s_{\text{NN}}}=200$ GeV at PHENIX experiment
0220	<b>ZHU, Xiangrong</b>	Investigation of collective behaviors in pp and p+Pb collisions at the LHC energies

## Initial State Physics and Approach to Equilibrium (Exhibition Space 4)

Board #	Presenter	Title
0301	<b>ATTEMS, Maximilian</b>	From high-energy collisions to hydrodynamics in strongly coupled non-conformal theories
0302	<b>BARNAFOLDI, Gergely</b>	An Application of the Non-extensive Phenomena: Soft+Hard Model at Various Energies
0303	<b>BHALERAO, Rajeev</b>	Collective flow in event-by-event partonic transport plus hydrodynamics hybrid approach
0304	<b>MOHANTY, Bedangadas</b>	Probing Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV using spectator neutrons
0306	<b>GELFAND, Daniil</b>	Early quark production and approach to chemical equilibrium
0307	<b>STOECKER, Horst</b>	LHC and RHIC as Glueball Factories - Pure Gauge 1. Order Phase Transition in pp, pA and AA and direct GlueBall-Hagedorn hadronization
0309	<b>JIANG, Yin</b>	Thermalization, Isotropization, and Bose-Einstein Condensation in Overpopulated Massive Boson Systems
0310	<b>LIU, Ming</b>	A Study of Nuclear effects in Drell-Yan and Charmonia Productions in p-A collisions at Fermilab E906/SeaQuest Experiment
0311	<b>MAKSYMUK, Ewa</b>	Anisotropic hydrodynamics for a mixture of quark and gluon fluids
0312	<b>MOLNAR, Denes</b>	Radiative $3 \rightarrow 2$ transport and thermalization
0313	<b>MORELAND, Scott</b>	New parameteric model for entropy deposition in ultrarelativistic nuclear collisions
0314	<b>NORONHA, Jorge</b>	Analytical solution of the nonlinear relativistic Boltzmann equation in the early universe and the thermalization of expanding systems
0315	<b>RUGGIERI, Marco GRECO, Vincenzo</b>	Modelling Early Stages of Relativistic Heavy Ion Collisions: Coupling Relativistic Transport Theory to Decaying Color-electric Flux Tubes
0316	<b>TANJI, Naoto</b>	Quark production in heavy ion collisions
0317	<b>TAYA, Hidetoshi</b>	Quark Pair Production from Expanding Electromagnetic Flux Tube
0318	<b>TIEULENT, Raphael</b>	Low Vector meson production in p+p collisions at $\sqrt{s} = 510$ GeV in PHENIX and dependence of $\phi$ production cross section from RHIC to LHC energies
0319	<b>TORRIERI, Giorgio</b>	Initial state elliptic flow from instabilities of saturation dynamics
0320	<b>TSUKIJI, Hidekazu</b>	Entropy production in the early stage of relativistic heavy ion collisions
0321	<b>TSUTSUI, Shoichiro</b>	Parametric instabilities in nonexpanding and expanding geometries
0322	<b>WERTEPNY, Douglas</b>	Baryon Number Fluctuations and Quark Correlations in the CGC Framework
0323	<b>XING, Hongxi</b>	A critical reassessment of cold nuclear matter effects in proton-nucleus collisions at RHIC and LHC
0324	<b>ZASLAVSKY, David</b>	Implementing the exact kinematical constraint in the saturation formalism

## Jets and High pT Hadrons (Exhibition Space 4)

Board #	Presenter	Title
0402	<b>BETZ, Barbara</b>	Breaking the degeneracy of hard+soft modelling
0403	<b>BRYSLAWSKYJ, Jason</b>	High $p_T$ Charged Hadron Spectrum in Au+Au Collisions at 200 GeV as Measured by PHENIX

0404	<b>CHANG, Ning-Bo</b>	Full jet evolution in quark-gluon plasma and nuclear modification of jet structure in Pb+Pb collisions at the LHC
0405	<b>CHIEN, Yang-Ting</b>	Towards a Unified Picture of Jet Modifications in the QGP Using Soft-Collinear Effective Theory
0406	<b>DENG, Wei-Tian</b>	Medium-induced jet energy loss and flavor conversion in e+A
0408	<b>GAVAI, Rajiv V</b>	Unravelling Medium Effects in Heavy Ion Collisions with Zeal
0409	<b>GRONEFELD, Julius Maximilian</b>	Transverse momentum distribution of charged particles in pp collisions at $\sqrt{s} = 13\sqrt{s}$ with ALICE at the LHC
0410	<b>HANKS, Ali</b>	Direct-photon hadron correlations in d+Au with PHENIX
0411	<b>HE, Yayun</b>	Linear Boltzmann Transport for Jet Propagation in the Quark-Gluon Plasma: Medium-induced Gluon Radiations and Medium Recoil
0412	<b>JIANG, Kun</b>	Characterizing the away-side jet, devoid of flow background, via two-particle and three-particle correlations in Au+Au collisions at $\sqrt{s_{NN}} = 200\sim\text{GeV}$ in STAR
0413	<b>JUNG, Kurt Eduard</b>	Heavy flavored jet modification in CMS
0414	<b>LOKHTIN, Igor</b>	Mechanisms of jet quenching in PbPb collisions at the LHC
0415	<b>MEIRING, Ben</b>	A Spacetime description of Hard Parton evolution in the QGP
0416	<b>MORAD, Razieh</b>	Light flavor jets in strongly coupled plasma
0417	<b>NAYAK, Kishora</b>	$K^{\{892\}0}$ production at high transverse momentum in pp and Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
0418	<b>NIE, Maowu</b>	Azimuthal anisotropies of reconstructed jets in Pb + Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV in a multiphase transport model
0419	<b>OKUBO, Tsubasa</b>	Measurement of neutral pions in p–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV in ALICE at LHC
0420	<b>PAPP, Gábor</b>	The new C++ based HIJING event generator: HIJING++
0421	<b>PEREPELTSIA, Dennis Vadimovich</b>	Violations of geometric scaling in the production of high-pT jets in 200 GeV d+Au collisions with the PHENIX detector
0422	<b>PETRESKA, Elena</b>	Forward di-jet production in dilute-dense collisions
0423	<b>CMS collaboration</b>	Mesurement of Heavy flavored jet modification and heavy flavor jet tagging in CMS
0424	<b>QIN, Guang-You</b>	Nuclear modification of jet structure in proton-lead collisions at the LHC
0425	<b>R. MOLDES, Manoel</b>	Color Coherence, Mass and Quenching Weights
0426	<b>RASOANAIVO, Andrianiaina Narindra</b>	NLO correction to the radiative energy loss using MHV calculation
0427	<b>ROWAN, Zachary</b>	Nuclear Modification of Jet Fragmentation in Au+Au Collisions
0428	<b>SADOFYEV, Andrey</b>	Quenching and Broadening of Holographic "Jets"
0429	<b>SCHUCHMANN, Simone</b>	Nuclear Modification of Light-Flavor Hadron Production at the ALICE Experiment
0430	<b>SEKIHATA, Daiki</b>	Measurement of neutral pions in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with the PHOS detector at ALICE
0431	<b>SHIMOMURA, Maya</b>	Measurement of azimuthal anisotropy for high pT charged hadrons in Au+Au collisions at 200GeV at RHIC-PHENIX

0432	<b>RYBAR, Martin</b>	Jet fragmentation measurements in p+Pb collisions with ATLAS
0433	<b>ATLAS collaboration</b>	Jet fragmentation measurements in Pb+Pb collisions with ATLAS
0434	<b>ATLAS collaboration</b>	Measurement of the dependence of transverse energy production at large pseudorapidity on the hard scattering kinematics of proton-proton collisions at $\sqrt{s} = 2.76$ TeV with ATLAS
0435	<b>ATLAS collaboration</b>	Inclusive charged hadron production in lead-lead collisions with the ATLAS detector
0436	<b>SPOUSTA, Martin</b>	Interpreting single jet measurements in heavy ion collisions
0437	<b>TANAKA, Naoto</b>	HBT measurements with respect to event plane and jet axis in Pb-Pb 2.76 TeV collisions from ALICE
0438	<b>TIMILSINA, Arbin</b>	Status of Jet Reconstruction in Cu+Au collisions at 200 GeV from PHENIX
0439	<b>WATANABE, Daisuke</b>	Jet azimuthal distributions with high $p_T$ neutral pion triggers in pp 7 TeV and Pb-Pb 2.76 TeV collisions from ALICE at the LHC
0440	<b>YANO, Satoshi</b>	Neutral mesons production in pp collisions at LHC energies
0441	<b>ZHANG, Ben-Wei</b>	Eta meson production of high-energy nuclear collisions at NLO
0442	<b>ZHANG, Haitao</b>	Measurement of high $p_T$ neutral pions at $\sqrt{s_{NN}} = 2.76$ and 7 TeV with ALICE-EMCal at the LHC
0443	<b>ZHANG, Yonghong</b>	Production of $K_S^0$ and $\Lambda$ in charged jets and underlying event in proton-proton $\sqrt{s} = 8$ TeV collisions with ALICE experiment
0444	<b>ZIMMERMANN, Alice</b>	Production of strange hadrons in charged jets in p-Pb and Pb-Pb collisions measured with ALICE at the LHC

## Open Heavy Flavors and Strangeness (Exhibition Space 4)

Board #	Presenter	Title
0502	<b>AKAMATSU, Yukinao</b>	Is heavy quark diffusion applicable? -- A new time scale introduced by decoherence
0503	<b>ALVES GARCIA PRADO, Caio</b>	Heavy flavor electron $R_{AA}$ and $v_2$ in event-by-event relativistic hydrodynamics
0504	<b>ASANO, Hidemitsu</b>	Measurement of the Distance of Closest Approach of electrons from heavy flavor hadron decays at PHENIX
0505	<b>BAI, Xiaozhi</b>	Measurements of electrons from semileptonic decays of open heavy flavor hadrons in p+p and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV
0506	<b>BALA, Renu</b>	Measurement of open-charm production as a function of charged-particle multiplicity in pp collisions at $\sqrt{s} = 7$ TeV with ALICE at the LHC
0508	<b>BEDDA, Cristina</b>	$D^+$ -meson nuclear modification factor in Pb-Pb collisions with ALICE
0509	<b>BEGUM, Umme Jamil</b>	Elliptic flow of heavy flavour decay muons at relativistic heavy ion collisions
0511	<b>BRATKOVSKAYA, Elena</b>	Tomography of the Quark-Gluon-Plasma by Charm Quarks
0512	<b>CHO, Sungtae</b>	Variation in the $K^*$ meson abundance during the hadronic stage in heavy ion collisions
0513	<b>COLELLA, Domenico</b>	Strangeness production in pp collisions at $\sqrt{s} = 13$ TeV measured with ALICE
0514	<b>CORRALES MORALES, Yasser</b>	Simulation studies of beauty-jet tagging in p-Pb collisions at the LHC with ALICE
0515	<b>DA SILVA, Cesar Luiz</b>	Charm and bottom nuclear modification in Cu+Au collisions at $\sqrt{s_{NN}} = 200$ GeV



0516	<b>FUJII, Hirotsugu</b>	Charm decay leptons in pA collisions within the CGC framework
0517	<b>GAJDOŠOVÁ, Katarína</b>	Electrons from open heavy flavor decays in central U+U collisions at STAR
0518	<b>GRECO, Vincenzo SCARDINA, Francesco</b>	Heavy Quark dynamics in the Quark-Gluon Plasma and the puzzling relation between $R_{AA}$ and $v_2$
0519	<b>HACHIYA, Takashi</b>	Non-prompt J/ $\psi$ measurement with the PHENIX VTX detector at RHIC
0520	<b>HAYASHI, Shinichi</b>	Dielectron measurement from charm and bottom quark decays in p-Pb collisions with the ALICE detector
0521	<b>HE, Liang</b>	Measurement of $D^0$ meson elliptic anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV from STAR using the two-particle correlation method
0522	<b>HE, Min</b>	Non-perturbative Approach to Open Heavy Flavor in Relativistic Heavy Ion Collisions
0523	<b>HOROWITZ, William</b>	Heavy Flavor Energy Loss and Correlations from AdS/CFT
0524	<b>JAHAN, Hushnud</b>	Multi-strange hyperon production at FAIR energies
0525	<b>JAHNKE, Cristiane</b>	High $p_T$ heavy-flavour decay electron measurements in p--Pb collisions with the TPC and EMCal of ALICE
0526	<b>HE, Xiaochun</b>	$\phi$ meson measurement in Cu+Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the PHENIX Muon Arms at RHIC
0527	<b>KANG, Zhongbo</b>	Inclusive and tagged beauty jets in Pb+Pb collisions at the LHC
0528	<b>KE, Weiyao</b>	Effects of soft/hard correlation and initial state geometry on heavy quark observables
0529	<b>LEE, Kang Seog</b>	Calculation of $k^*/k_+$ ratio assuming the partial chemical equilibration
0530	<b>LEE, Kisoo</b>	B meson analysis with CMS
0531	<b>LEE, Yen-Jie</b>	Nuclear modification factor of D meson in PbPb collisions at 2.76 TeV with CMS
0532	<b>LOKHTIN, Igor</b>	Are charmed mesons thermalized in heavy ion collisions at RHIC and LHC?
0533	<b>MA, Long</b>	Heavy Flavor Triggered Azimuthal Correlations in p+p Collisions at center-of-mass energy of 500GeV
0534	<b>MAEZAWA, Yu</b>	Fate of meson states and broken symmetries at high temperature
0535	<b>MCGLINCHEY, Darren</b>	Using Unfolding Techniques to Separate Charm and Bottom Contributions to Single Electron Yields from Semi-leptonic Decays of Heavy Flavor Hadrons Measured by PHENIX
0536	<b>MERINO, Carlos</b>	Midrapidity Hyperon Production in pp and pA Collisions from Low to LHC Energies
0537	<b>MOREAU, Pierre</b>	(Anti-)strangeness production in heavy-ion collisions
0538	<b>MORITA, Kenji</b>	$\Lambda$ - $\Lambda$ Correlation in High Energy Heavy Ion Collisions
0539	<b>MORITA, Kenji</b>	$\Omega$ -N Interaction from Relativistic Heavy Ion Collisions
0540	<b>NAGASHIMA, Kazuya</b>	Single electrons from heavy flavor decays in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV in PHENIX RUN14 data
0542	<b>OH, Kunsu</b>	Measurements of Charm and Bottom Productions in Semi-leptonic Channels at STAR
0543	<b>OLIVEIRA DA SILVA, Antonio Carlos AIOLA, Salvatore</b>	Feasibility studies for the measurement of D-meson production in jets in pp and Pb--Pb collisions with ALICE at the LHC

0544	<b>PATEL, Smruti</b>	Radiative decay of heavy hadron molecules in charm and strange sector
0545	<b>RAJPUT, Sonia</b>	Measurement of D meson-charged particle azimuthal angular correlations in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with ALICE
0546	<b>RISTEA, Catalin</b>	Strangeness production in high energy collisions
0547	<b>RUSSO, Riccardo</b>	$D^{\{+ \}}$ -meson production as a function of charged-particle multiplicity in p-Pb collisions with ALICE
0548	<b>SAKAI, Shingo</b>	Heavy-flavour jet studies by tagging electrons from heavy-flavour hadron decays with ALICE
0549	<b>SARSOUR, Murad</b>	$\phi$ production in $^3\text{He}+\text{Au}$ collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV with the PHENIX detector at RHIC
0550	<b>SCHEIB, Timo</b>	$\Lambda$ and $K^0_{\text{s}}$ production in Au+Au collisions at 1.23 AGeV with the HADES experiment
0551	<b>SCHMOLL, Brandon</b>	Measurement of heavy flavor $v_2$ and $v_3$ at forward rapidity in Cu + Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV from PHENIX
0552	<b>SCHULDES, Heidi</b>	Charged kaon- and $\phi$ -reconstruction in Au+Au-collisions at 1.23 AGeV
0553	<b>SEN, Abhisek</b>	Heavy flavor muons at forward rapidities in Cu+Au collisions with the PHENIX detector
0554	<b>SHARMA, Deepali</b>	Bottom cross-section measurement in p+p collisions using dielectrons at $\sqrt{s} = 200$ GeV measured by the PHENIX Experiment at RHIC
0555	<b>SIMKO, Miroslav</b>	$\Lambda_c^+$ baryon production in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV
0556	<b>SONG, Jihye</b>	Production of $\Xi(1530)^0$ in p-Pb collisions at the LHC with ALICE
0557	<b>SUENAGA, Daiki</b>	Modifications of heavy-light mesons in inhomogeneous chiral condensation phases
0558	<b>SUZUKI, Kei</b>	Heavy hadron systems in a magnetic field
0559	<b>THOMAS, Deepa</b>	Prospects of measuring heavy-flavour dijets in pp collisions with the ALICE detector
0560	<b>TRIPATHY, Srikanta Kumar</b>	Strangeness production in U+U collisions at STAR
0561	<b>VAN DER MAAREL, Jasper</b>	$D^{\{ \text{star} + \}}$ -meson production in p-Pb collisions in ALICE
0562	<b>VEEN, Annelies Marianne</b>	Measurements of $D^{\{ \text{star} + \}}$ -meson production in Pb-Pb and pp collisions with ALICE at the LHC
0565	<b>XU, Yingru</b>	Heavy-flavor dynamics in relativistic proton-nucleus and nucleus-nucleus collisions
0566	<b>YASUI, Shigehiro</b>	Exotic hadrons and/or molecules from relativistic heavy ion collisions
0567	<b>ZHANG, Shenghui</b>	Measurements of heavy flavor decay electron production in p+p collisions at $\sqrt{s} = 200$ GeV at STAR
0568	<b>ZHANG, Zuman</b>	Production of Muons from Heavy-Flavour Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with ALICE at the LHC
0569	<b>ZHOU, Long</b>	$D_{\text{s}}^{\{ \text{pm} \}}$ meson production in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV in STAR
0570	<b>DJORDJEVIC, Marko</b>	Predictions for the upcoming LHC data: an interplay of energy loss and initial distributions

## Quarkonia (Exhibition Space 4)

Board #	Presenter	Title
0601	<b>AKAMATSU, Yukinao</b> <b>ROTHKOPF, Alexander</b>	Quarkonium melting in the QGP fireball from the stochastic potential
0602	<b>ARAKI, Kenji</b>	Analysis of charmonium at finite temperature from complex Borel sum rules
0603	<b>BAGCHI, Partha</b>	Quarkonia Disintegration due to time dependence of the $\bar{q}q$ potential in Relativistic Heavy Ion Collisions
0604	<b>BHATT, Palak</b> <b>PATEL, Smruti</b>	Medium Screening Effects on the Quarkonia States
0605	<b>CHO, Sungtae</b>	Production of charmonium states by recombination
0607	<b>DURHAM, J. Matthew</b>	PHENIX Results on Excited Charmonia Production at Forward and Backward Rapidity
0608	<b>ESCOBEDO ESPINOSA, Miguel Angel</b>	Classical and quantum evolution of quarkonium in a plasma
0609	<b>GUO, Xingyu</b>	Magnetic Field Effect on Charmonium Formation in High Energy Nuclear Collisions
0610	<b>HADJIDAKIS, Cynthia</b>	$J/\psi$ production measurements in p-Pb collisions with ALICE
0611	<b>IKEDA, Atsuro</b>	Transverse and longitudinal spectral functions of charmonia at finite temperature on the lattice
0612	<b>KHER, Virendrasinh</b>	Masses and Decay Constants of $B_s$ Mesons
0613	<b>KOSARZEWSKI, Leszek</b>	$\Upsilon$ measurements in $\sqrt{s} = 500$ GeV collisions at the STAR experiment
0614	<b>LEBEDEV, Alexandre</b>	Study of angular distributions for $J/\psi \rightarrow \mu^+ \mu^-$ decays in p+p collisions at $\sqrt{s} = 510$ GeV by the PHENIX Collaboration at RHIC.
0616	<b>MISHRA, Madhukar</b>	Charmonium suppression in QGP at LHC energy using temperature dependent formation time
0617	<b>NYSTRAND, Joakim</b>	Photoproduction of vector mesons at low $p_T$ in peripheral and semi-central Pb+Pb collisions at the LHC
0618	<b>KHANCHANDANI, Himanshu</b>	Velocity-induced dissociation of Heavy Quarkonium in the gauge-gravity prescription
0619	<b>KHANCHANDANI, Himanshu</b>	Heavy Quark Potential at Finite Temperature - a Dual Gravity Calculation
0620	<b>PAUL, Biswarup</b>	Nuclear modification of $J/\psi$ in Pb-Pb collisions at LHC energies
0621	<b>RATHAUD, Dharmesh</b>	Interpretation of charmonium like states as a dimesonic molecules
0622	<b>STRICKLAND, Michael</b>	Bottomonia suppression in 2.76 TeV Pb-Pb collisions
0623	<b>SUMBERA, Michal</b>	Heavy quarkonia and Drell-Yan gauge boson production in the color dipole picture
0624	<b>TRZECIAK, Barbara</b>	$J/\psi$ polarization measurement in p+p collisions at $\sqrt{s} = 500$ GeV with the STAR experiment
0625	<b>WATANABE, Kazuhiro</b>	Quarkonium production with soft gluon radiation in the CGC framework
0626	<b>YE, Zaochen</b>	Non-Prompt $J/\psi$ Measurements with the STAR experiment
0627	<b>YOUNG, Clint</b>	Bottomonium production in coupled Langevin and transport approach

## Electromagnetic Probes (Exhibition Space 3)

Board #	Presenter	Title
0701	<b>CHAPON, Emilien</b>	Mutual relations of the W charge asymmetry in p-p, p-Pb and Pb-Pb collisions
0702	<b>BENIC, Sanjin</b>	Photon production from the Color Glass Condensate in the pA collisions
0703	<b>BROKER, Theo Alexander</b>	Measurement of low-mass dielectrons in p-Pb collisions with ALICE
0704	<b>CAMPBELL, Sarah</b>	Photon production from gluon mediated quark-anti-quark annihilation prior to hadronization
0705	<b>CHATTERJEE, Rupa</b>	Centrality dependence of photon anisotropic flow at RHIC
0707	<b>HIDAKA, Yoshimasa</b>	Dilepton and photon production in the semi-quark gluon plasma
0708	<b>HOSHINO, Tomoya</b>	Study of direct photon production with internal conversion method in Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV at PHENIX
0709	<b>KIM, Taekwang</b>	Gauge invariant non-perturbative production rate of photons and dileptons above $T_{\text{c}}$
0710	<b>KRELINA, Michal</b>	Nuclear effects in direct photon and Drell-Yan production at the LHC
0711	<b>KRELINA, Michal</b>	Systematic study of real photon and Drell-Yan pair production in p+A (d+A) interactions
0712	<b>KUMAR, Yogesh</b>	EVOLUTION OF QUARK-GLUON PLASMA AND QUARK-HADRON PHASE TRANSITION
0713	<b>KUMAR, Yogesh</b>	Role of chemical potential in the electromagnetic emission from quark gluon plasma
0714	<b>LINNYK, Olena</b>	Photon and dilepton production in heavy-ion collisions
0715	<b>MONNAI, Akihiko</b>	Photon flow harmonics $v_n$ with chemical equilibration and non-ideal gas distribution
0716	<b>PERESUNKO, Dmitri</b>	Direct photons in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV measured with ALICE/PHOS
0717	<b>CMS collaboration</b>	Exclusive photo-production of upsilon in pPb collisions at CMS
0718	<b>SAMANTA, Subhasis</b>	Time evolution of EOS and contribution of thermal dilepton at FAIR energy using Bjorken hydrodynamics
0719	<b>SPERANZA, Enrico</b>	Polarization of exclusive di-electron production in pion-nucleon collisions
0720	<b>STRICKLAND, Michael</b>	Dilepton production from the quark-gluon plasma using leading-order (3+1)D anisotropic hydrodynamics
0721	<b>STRICKLAND, Michael RYBLEWSKI, Radoslaw</b>	Photon production from the quark-gluon plasma using (3+1) dimensional anisotropic dissipative hydrodynamics
0722	<b>TEILAB, Khaled</b>	Nucleon-nucleon interactions within an extended linear sigma model
0723	<b>VON SMEKAL, Lorenz</b>	Hadronic Spectral Functions at Finite Temperature and Density
0725	<b>YAMAGUCHI, Yorito</b>	Search for light dark photon with neutral meson decays at the PHENIX experiment
0726	<b>YANG, Di-Lun</b>	Viscous Leptons and Fluid-like Photons in the Strongly Coupled Quark Gluon Plasma
0727	<b>ZHOU, Daimei</b>	The specific charged hadron multiplicity in $e^-p$ and $e^-D$ semi-inclusive deep-inelastic scattering in the PYTHIA and PACIAE models
0728	<b>ZHU, Jianhui</b>	Measurement of W and Z-boson production in p-Pb collisions with ALICE at the LHC

0791	<b>OZAWA, Kyoichiro</b>	Future measurements of vector mesons in nucleus at J-PARC
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## Collective Dynamics (Exhibition Space 3)

Board #	Presenter	Title
0801	<b>ARGINTARU, Danut</b>	Transition from Multifragmentation to Flow in Relativistic Nuclear Collisions at CBM energies
0802	<b>AUVINEN, Jussi</b>	Determining $\eta/s$ in Au+Au collisions at 62.4 GeV and below via a statistical analysis of a hybrid model
0803	<b>BABAN, Valerica</b>	Elliptic flow in heavy ion collisions at SIS100/300 energies
0805	<b>NAYAK, Tapan</b>	Beam energy dependence of Specific Heat in Ultra-relativistic Heavy-Ion Collisions
0806	<b>BECATTINI, Francesco</b>	A study of vorticity formation in high energy nuclear collisions
0807	<b>BERNHARD, Jonah</b>	Characterization of the initial state and QGP medium from a combined Bayesian analysis of RHIC and LHC data
0808	<b>OLIINYCHENKO, Dmytro</b>	An evidence for the hadron--quark--gluon mixed phase formation in nuclear collisions
0809	<b>FECKOVA, Zuzana</b>	A new Riemann solver for ultrarelativistic nuclear collisions
0810	<b>GRASSI, Frederique</b>	Comparison of RHIC and LHC flow data with NeXSPheRIO
0811	<b>GRECO, Vincenzo SCARDINA, francesco</b>	Quark coalescence from RHIC to LHC
0812	<b>HABICH, Mathis</b>	Particle spectra and HBT radii for simulated central nuclear collisions of $\sqrt{s} = 62.4-2760$ GeV
0813	<b>KAMPFER, Burkhard</b>	Longitudinal Hydrodynamical Evolution
0814	<b>KARPENKO, Iurii</b>	vHLL, a code for hydrodynamic modelling of relativistic heavy ion collisions
0815	<b>KIKUCHI, Yuta</b>	Derivation of Causal Hydrodynamic Equation by Renormalization Group Method
0816	<b>KODAMA, Takeshi</b>	Sensitivity of anisotropy flow coefficients and lengths of homogeneity to different equations of state
0817	<b>LACEY, Roy</b>	Hydrodynamic evolution of the event-by-event fluctuating initial state
0818	<b>MAZELIAUSKAS, Aleksas</b>	Principal component analysis and factorization breaking
0819	<b>MORITA, Kenji</b>	Speed of Sound at Chiral Phase Transition
0820	<b>NAKAGOMI, Hiroshi</b>	Measurement of charged hadron anisotropic flow in Cu+Au collisions at $\sqrt{s_{NN}} = 200$ GeV at RHIC-PHENIX
0821	<b>NONAKA, Chiho</b>	QGP properties from azimuthal-angular dependence of charged-pion interferometry
0822	<b>NORONHA-HOSTLER, Jacquelyn</b>	Extracting the shear viscosity of the QGP in the presence of bulk viscosity
0823	<b>NORONHA-HOSTLER, Jacquelyn</b>	Sensitivity of flow harmonics to sub-nucleon scale fluctuations in heavy ion collisions
0824	<b>NORONHA, Jorge</b>	Strong coupling calculation of hydrodynamic transport coefficients for the QGP at the crossover phase transition
0825	<b>NORONHA, Jorge</b>	Constraining the validity of hydrodynamic approaches by using a new exact solution of the Boltzmann equation

0826	<b>OKAMOTO, Kazuhisa</b>	Kelvin-Helmholtz instability in relativistic heavy ion collisions
0827	<b>OLIINYCHENKO, Dmytro</b>	Quantifying deviations from local equilibration in a coarse-grained transport approach
0828	<b>PLUMARI, Salvatore</b>	Viscous corrections to anisotropic flow and transverse momentum spectra within a transport approach
0829	<b>RISTEA, Oana</b>	Tsallis fits to the transverse momentum spectra in high energy collisions
0830	<b>ROMATSCHKE, Paul</b>	superSONIC -- a super-hybrid model for simulating relativistic ion collisions
0831	<b>RYU, Sangwook</b>	The importance of the bulk viscosity and hadronic afterburner in relativistic heavy ion collisions
0832	<b>SARKAR, Sourav</b>	Medium Effects on Transport Coefficients of a Hadron Gas
0833	<b>SHI, Shusu</b>	Energy and centrality dependence of identified particle elliptic flow in relativistic heavy-ion collisions
0834	<b>SHOU, Qiye</b>	Measurement of elliptic flow of neutral pions with ALICE-EMCal in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV
0835	<b>SINGH, Ranbir</b>	$K^*(892)^0$ and $\phi(1020)$ production as a function of charged particle multiplicity in pp collisions at $\sqrt{s} = 7$ TeV
0837	<b>SONG, Myunggeun</b>	Measuring correlation between flow harmonics with moments in ALICE experiment in LHC
0838	<b>SRISAWAD, Pornrad</b>	STUDY OF ELLIPTIC FLOW AT RHIC AND LHC ENERGIES
0839	<b>TANG, Zebo</b>	Study the particle transverse-momentum spectra at LHC with nonextensive statistics
0840	<b>TINTI, Leonardo</b>	Latest developments in anisotropic hydrodynamics
0841	<b>VISLAVICIUS, Vytautas</b>	Search for collective phenomena in high multiplicity pp and p-Pb collisions with the ALICE experiment
0842	<b>WOLSCHIN, Georg</b>	Beyond the thermal model
0843	<b>XIAO, Bowen</b>	Analytical and numerical Gubser solutions of the second-order hydrodynamics

## Correlations and Fluctuations (Exhibition Space 3)

Board #	Presenter	Title
0902	<b>AGGARWAL, Madan</b>	Localized event-by-event charge separation in Au+Au collisions at 200 GeV
0903	<b>AHMAD, Shabir</b>	Fluctuation Evolution in Au+Au Collisions at FAIR energy
0904	<b>ALBA, Paolo Giuseppe</b>	Impact of higher mass-states on the freeze-out conditions in heavy ion collisions
0905	<b>ALTINOLUK, Tolga</b>	Initial state correlations and the ridge
0906	<b>ARSLANDOK, Mesut</b>	Event-by-Event Identified Particle Ratio Fluctuations in Pb-Pb Collisions with ALICE using the Identity Method
0907	<b>NAYAK, Tapan</b>	Global and Local Temperature Fluctuations in High Energy Heavy-ion Collisions
0908	<b>BHALERAO, Rajeev</b>	Characterizing flow fluctuations with moments
0910	<b>CSERNAI, LaszloPal</b>	Fluctuations, Instabilities and Collective Dynamics

0911	<b>ENGLERT, David</b>	Two-particle correlations with identified pions, kaons and protons in pPb collisions
0913	<b>GAVIN, Sean</b>	Rapidity Dependence of Transverse Momentum Correlations
0914	<b>GEURTS, Frank</b>	Heavy Flavor Triggered Azimuthal Correlations in p+p and Au+Au Collisions from STAR
0915	<b>GRACZYKOWSKI, Lukasz Kamil</b>	Pion femtoscopy of small systems in ALICE at the LHC
0916	<b>GRÖNQVIST, Hanna</b>	Non-Gaussian eccentricity fluctuations
0917	<b>GULBRANDSEN, Kristjan</b>	Technique for Performing High Accuracy Forward-Backward Multiplicity Correlation Measurements
0919	<b>HINOHARA, Hiromi</b>	Three-dimensional source function from a hydro + cascade model
0920	<b>HORII, Hiroshi</b>	Non-Gaussian fluctuation in stochastic diffusion equation
0921	<b>HUANG, Xu-Guang</b>	Magnetic and Electric Fields in Heavy-ion Collisions
0922	<b>JANIK, Malgorzata Anna</b>	Influence of quantum conservation laws on particle production in hadron collisions
0923	<b>JENA, Deepika</b>	Event-by-Event Fluctuations in Identified Particle Ratios in ALICE at LHC
0924	<b>JENA, Deepika</b>	Evolution of net-charge fluctuations in heavy ion collisions
0925	<b>JENA, Satyajit</b>	Recent Results on Event-by-Event Fluctuations in ALICE at LHC
0926	<b>KITAZAWA, Masakiyo</b>	Rapidity window dependences of higher order cumulants of conserved charges
0927	<b>KOZLOV, Igor LUZUM, Matthew</b>	The effects of initial state fluctuations and of shear and bulk viscosities on two-particle correlations in pA and AA collisions
0928	<b>LO, Pok Man</b>	The influence of broad resonances on strangeness fluctuations
0929	<b>MATYJA, Adam Tomasz</b>	Perspectives of gamma-jet correlation analysis in Run2 in ALICE
0930	<b>MORITA, Kenji</b>	Effects of Momentum Cuts on Higher Order Cumulants of Conserved Charges
0931	<b>NAYAK, Tapan</b>	Event-by-event Multiplicity Fluctuations in Pb-Pb Collisions at LHC Energies in ALICE
0932	<b>OHNISHI, Akira</b>	Baryon number cumulant ratios at finite density in the strong-coupling lattice QCD
0935	<b>PETRUSHANKO, Sergey</b>	Anisotropic flow fluctuations in heavy ion collisions at the LHC energy with HYDJET++ model
0936	<b>PLUMARI, Salvatore</b>	Initial State fluctuations in ultra-central collisions in an event-by-event transport approach
0937	<b>ZHOU, Mingliang</b>	ATLAS measurement of the pseudorapidity multiplicity correlation in Pb+Pb collisions
0938	<b>PRASZALOWICZ, Michal</b>	Fluctuations and particle multiplicities in pA collisions
0939	<b>SAHA, Kinkar</b>	Study of fluctuations and correlations within finite volumes in 2+1 flavor Polyakov--Nambu--Jona-Lasinio model
0940	<b>SAKAIDA, Miki</b>	Non-Markov effect on time evolution of conserved-charge fluctuations in heavy ion collisions

0941	<b>SAMANTA, Subhasis</b>	Thermodynamics and fluctuations of conserved charges in a hadron resonance gas model in a finite volume
0942	<b>SAMANTA, Subhasis</b>	Exploring effects of magnetic field on the Hadron Resonance Gas
0944	<b>SIMATOVIC, Goran</b>	Event shape dependent same charge pion femtoscopy in pp collisions at 7 TeV with the ALICE detector
0945	<b>ATLAS collaboration</b>	Measurement of the pT-integrated flow harmonics $v_2-v_5$ and the elliptic flow of K <sub>S</sub> 0 in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector
0946	<b>TANNENBAUM, Michael</b>	Statistical errors, efficiency and acceptance corrections in cumulants of measured net-charge ( $\mathbf{N}^+ - \mathbf{N}^-$ ) distributions, a theorem from Quantitative Finance and NBD fits to the PHENIX $\mathbf{N}^+$ and $\mathbf{N}^-$ distributions.
0947	<b>TUTURAS, Nicolae George</b>	Investigations for transition regime apparition in nuclear matter through the study of cumulative particles production in relativistic nuclear collisions using the CBM experiment at FAIR-GSI
0948	<b>WEN, Liwen</b>	Systematic searches for the chiral magnetic effect and chiral vortical effect using identified particles at RHIC/STAR
0949	<b>XU, Haojie</b>	Event by event multiplicity fluctuations in the statistical model
0950	<b>ZHANG, Song</b>	The beam energy dependence of HBT correlation radii from a blast-wave model
0951	<b>BOZEK, Piotr</b>	Torque effect and long-range rapidity fluctuations

### Quark Matter in Astrophysics (Exhibition Space 3)

Board #	Presenter	Title
1001	<b>BARNAFOLDI, Gergely</b>	FRG Approach to Nuclear Matter in Compact Stars
1003	<b>CHEN, Huan</b>	Compact Stars with a Dyson-Schwinger Quark Model
1004	<b>DAS, Arpan</b>	Effects of phase transition induced density fluctuations on pulsar dynamics
1005	<b>SAKO, Takashi</b>	LHCf experiment; astrophysics connection of high-energy nucleus collisions
1006	<b>SINHA, Bikash</b>	Cosmic Phase Transition- a hint of Cold Dark Matter in the Standard model
1007	<b>SUZUKI, Takuya</b>	MC study of proton-Nitrogen collisions at RHIC for cosmic-ray physics
1008	<b>TACHIBANA, Motoi</b>	On the effect of the Bose-Einstein condensed dark matter for the magnetic field in neutron stars
1009	<b>YOSHIKE, Ryo</b>	Spontaneous magnetization of quark matter in the inhomogeneous chiral phase

### Relations to Other Strongly Coupled Systems (Exhibition Space 3)

Board #	Presenter	Title
1101	<b>BZDAK, Adam</b>	Universality of multiplicity distribution in proton-proton and electron-positron collisions
1102	<b>HE, Bing-Ran</b>	The mixing effects of scalar mesons in a Skyrme model
1103	<b>TANIZAKI, Yuya</b>	Dynamic critical behavior for the relativistic O(N) model in the framework of the real-time functional renormalization group and applications to QCD



## New Theoretical Developments (Exhibition Space 3)

Board #	Presenter	Title
1201	<b>AZMI, Mohd Danish</b>	Particle spectra measurements and Tsallis thermodynamics at LHC energies
1202	<b>DAS, Arpan</b>	Reaction-diffusion equation for quark-hadron transition in heavy-ion collisions
1203	<b>BASAR, Gokce</b>	Hydrodynamics, all orders gradient expansion and beyond
1204	<b>BEGUN, Viktor</b>	Soft pion production signals of new phenomena at the LHC
1206	<b>FICNAR, Andrej</b>	A Holographic Description of 3-jet Events in Strongly Coupled Plasma
1207	<b>FURUI, Sadataka</b>	CP violation in $B^0$ and $\bar{B}^0$ decay and the flavor-tagged $\Delta t$ distributions
1208	<b>GROSSI, Eduardo</b>	Quantum corrections to the stress-energy tensor in thermodynamic equilibrium with acceleration
1209	<b>HONGO, Masaru</b>	Chiral magnetohydrodynamics from quantum field theory
1210	<b>HUANG, Xu-Guang</b>	Chiral Electric Separation Effect
1211	<b>JIANG, Yin</b>	Chiral vortical wave and induced flavor charge transport in a rotating quark-gluon plasma
1212	<b>KIM, Minjung</b>	Heavy meson mass spectrum at finite temperature based on AdS/CFT
1213	<b>KURITA, Ryuichi</b>	Stationary fluctuation theorem in high-energy nuclear collisions
1215	<b>MAMEDA, Kazuya</b>	QCD $\theta$ -vacua from the chiral limit to the quenched limit
1216	<b>MORALES, Pablo</b>	Real time simulation of the Chiral Magnetic Effect
1218	<b>MUROYA, Shin</b>	A calculation of transport coefficients in 2-nd order hydrodynamics
1219	<b>RAFELSKI, Johann</b>	Is there dark radiation accompanying QGP Hadronization?
1220	<b>SORIN, Alexander</b>	Vortical structures and strange hyperon polarization in heavy-ion collisions
1221	<b>TANIZAKI, Yuya</b>	Lefschetz-thimble method for evading the mean-field sign problem
1222	<b>TORRIERI, Giorgio</b>	Is the ideal fluid limit stable against microscopic perturbations?
1223	<b>UPADHAYA, Sudipa</b>	Polyakov--Nambu--Jona-Lasinio model:: Revisited
1224	<b>PU, Shi</b>	Chiral magnetic effect and Berry phase through quantum kinetic approach
1225	<b>YANG, Di-Lun</b>	Chiral Hall Effect and Chiral Electric Waves in Strongly Coupled Plasmas
1226	<b>YANG, Di-Lun</b>	Gluon transport in a semi-holographic model of QCD
1227	<b>HIRONO, Yuji</b>	Self-similar inverse cascade of magnetic helicity driven by the chiral anomaly, and its signatures in heavy ion collisions

## Future Experimental Facilities, Upgrades, and Instrumentation (Exhibition Space 3)

Board #	Presenter	Title
1301	<b>ARMESTO PEREZ, Nestor</b>	eA collisions at the LHeC and the FCC
1302	<b>BARTSCH, Esther</b>	Ion backflow and energy resolution in stacks of four GEM detectors for the
1303	<b>BERTENS, Redmer Alexander</b>	FoCal - a high-granularity electromagnetic calorimeter for forward direct photon measurements at LHC
1304	<b>CAMPBELL, Sarah</b>	Towards a first look at forward neutral pions with PHENIX's MPC and MPC-EX detectors
1306	<b>HAGGERTY, John</b>	sPHENIX: A New Experiment at RHIC
1307	<b>HARRIS, John William</b>	Combined Gas Electron Multipliers and MicroMeGas as Gain Elements in a High Rate Time Projection Chamber.
1308	<b>HE, Xiaochun</b>	Prototype Studies for the Hadronic Calorimeter System of the Proposed New Experiment (sPHENIX) at RHIC
1309	<b>HIRANO, Masahiro</b>	Detector R&D of the Forward Calorimeter with PAD readout for the ALICE upgrade
1310	<b>HOEHNE, Claudia</b>	The RICH detector for the CBM experiment at FAIR
1311	<b>HOSOKAWA, Ritsuya</b>	A Summary Trigger Unit for the ALICE Electromagnetic Calorimeters
1312	<b>KHARLOV, Yuri</b>	Performance of the ALICE Photon Spectrometer in LHC Run2
1313	<b>LJUNGGREN, Hans Martin</b>	Performance simulation studies for the ALICE TPC GEM Upgrade
1314	<b>LOGGINS, Vera</b>	A Tungsten Powder Epoxy Scintillating Fiber EMCAL for sPHENIX
1315	<b>LOMNITZ, Michael</b>	Status of the STAR Event Plane Detector (EPD)
1317	<b>MCCUMBER, Michael</b>	Precision Charged Particle Tracking with sPHENIX
1318	<b>MITSUKA, Gaku</b>	Silicon strip detector R&D for the sPHENIX tracker
1319	<b>PALNI, Prabhakar</b>	Use of a high multiplicity trigger for the ALICE data in proton-proton interactions at $\sqrt{s} = 13$ TeV
1320	<b>POLJAK, Nikola</b>	A small current measurement system for gaseous micropattern detectors suitable for operation at high voltages
1321	<b>PURSCHKE, Martin</b>	Optimizing the Calorimeter Design for sPHENIX
1322	<b>TAMBAVE, Ganesh Jagannath</b>	Upgrade of ALICE TPC and its readout electronics for the LHC RUN3 and beyond
1323	<b>TARUNAGA, Kazuya</b>	SRU readout system of the ALICE Photon Spectrometer
1324	<b>TRZASKA, Wladyslaw Henryk</b>	Performance of Fast Interaction Trigger for ALICE Upgrade
1325	<b>URAS, Antonio</b>	Prospects for ALICE with the Muon Spectrometer Upgrade and the new Muon Forward Tracker
1326	<b>WANG, Fuqiang</b>	A new cold atom experiment to study the hot quark-gluon plasma
1327	<b>YANO, Satoshi</b>	Performance of the Muon Forward Tracker of ALICE at the LHC for the low mass dimuon physics

1328	<b>ZOU, Shuguang</b>	Development of a low noise highly pixelated electrode array for high energy physics
1391	<b>NAGASHIMA, Toru</b>	Development of FVTX high-multiplicity trigger system for the RHIC-PHENIX experiment
1392	<b>HAN, SeYoung</b>	Performance of FVTX high-multiplicity trigger system for the RHIC-PHENIX experiment