



# ICHEP 2024

## Thursday, 18 July 2024

### Heavy Ions: Heavy Ions - Club B (08:30 - 10:15)

-Conveners: Emilie Maurice

time	[id] title	presenter
08:30	[233] Recent highlights on QCD and QED studies with heavy ion collisions at CMS	MC GINN, Christopher
08:47	[526] Recent results from NA61/SHINE strong interaction program	KOWALSKI, Seweryn
09:04	[427] Heavy-ion physics at LHCb	LU, Qiuchan
09:21	[428] SMOG: a high-density gas target experiment at LHCb	LUCARELLI, Chiara
09:38	[763] Measurement of Bulk Properties with sPHENIX from the 2023 RHIC Run	BELMONT, Ron
09:55	[473] Charged-particle production in pp collisions at 13.6 TeV and Pb-Pb collisions at 5.36 TeV with ALICE	MODAK, Abhi

### Heavy Ions: Heavy Ions - Club B (10:45 - 12:30)

-Conveners: Katarina Krizkova Gajdosova

time	[id] title	presenter
10:45	[469] Recent flow and correlation measurements in large and small collision systems with ATLAS	GILBERT, Alexander Kevin
11:02	[555] Unraveling the origin of collectivity in high and low multiplicity pp and p-Pb collisions in ALICE at the LHC	WU, Wenya
11:19	[329] Collective effects in small collision systems from PYTHIA8 and EPOS4 simulations	BRANDIBUR, Diana Catalina
11:36	[1331] Unravelling the partonic flow in small systems with an improved multi-phase transport model	Ms DUAN, Xiangpan
11:53	[547] Clocking the particle production and tracking of strangeness balance and radial flow effects at top LHC energy with ALICE	GONZALEZ, Victor
12:10	[714] Measuring system-size and event-topology dependence of (multi-)strangeness production	TARASOVICOVA, Lucia Anna

### Heavy Ions: Heavy Ions - Club B (14:45 - 16:15)

-Conveners: Katarina Krizkova Gajdosova

time	[id] title	presenter
14:45	[646] Using Multivariate Cumulants to Constrain the Initial State in XeXe and PbPb Collisions at the CMS Experiment	DATTAMUNSI, Aryaa
15:02	[554] Probing the speed of sound in QGP with multi-particle [pT] cumulants in ALICE	VAZQUEZ RUEDA, Omar
15:19	[713] Polarization and flow of multi-strange hadrons with ALICE	DE MARTIN, Chiara

15:36	[482] $J/\psi$ production and polarization in photon-induced reactions in Pb-Pb collisions with ALICE	LAVICKA, Roman
15:53	[371] Impact studies of the gluon PDF using exclusive $J/\psi$ photoproduction data in xFitter	FLETT, Chris

### **Heavy Ions: Heavy Ions - Club B (16:45 - 18:30)**

-Conveners: Liliana Apolinario

time	[id] title	presenter
16:45	[472] Measurements of dilepton production from photon fusion processes in ultra- peripheral Pb+Pb collisions with the ATLAS detector	DYNDAL, Mateusz
17:02	[481] Quarkonia photoproduction and dilepton production in UPCs with ALICE	BURMASOV, Nazar
17:19	[391] Measurement of tau anomalous magnetic moment in CMS	NEUTELINGS, Izaak
17:36	[906] Search for monopole production in ultraperipheral Pb+Pb collisions with the ATLAS detector	CIEŚLA, Krzysztof
17:53	[801] Investigation of early magnetic field and angular momentum in ultrarelativistic heavy-ion collisions via $D^0$ -meson spin alignment with ALICE	CATALANO, Fabio

# Friday, 19 July 2024

## Heavy Ions: Heavy Ions - Club B (08:30 - 10:15)

-Conveners: Emilie Maurice

time	[id] title	presenter
08:30	[1246] Phenomenology of Identified Particle Spectra in Heavy-Ion Collisions at LHC Energies	Mr VITIUK, Oleksandr
08:47	[705] Light-flavour particle production as a function of transverse sphericity with ALICE	RATH, Rutuparna
09:04	[370] Lambda baryon production in heavy-ion collisions at the NA61/SHINE experiment	BALKOVA, Yuliia
09:21	[1138] Quark production and thermalization of the longitudinally boost-invariant quark-gluon plasma	BARRERA CABODEVILA, Sergio
09:38	[1177] Quantum simulation of thermal field theories	Mr CUNTÍN BROULLÓN, Iván
09:55	[316] Are Parton Showers Inside a Quark-Gluon Plasma Strongly Coupled? A Theorist's Test	Dr IQBAL, Shahin

## Heavy Ions: Heavy Ions - Club B (10:45 - 12:30)

-Conveners: Liliana Apolinario

time	[id] title	presenter
10:45	[716] $K^*/K$ ratio and the time between freeze-outs for intermediate-mass Ar+Sc system at the SPS energy range	KOZLOWSKI, Bartosz
11:02	[549] Study of baryon-strangeness and charge-strangeness correlations in Pb-Pb collisions at 5.02 TeV with ALICE	SAHA, Swati
11:19	[1217] Thermal lattice QCD results from the FASTSUM collaboration	ALLTON, Christopher Roland
11:36	[771] Direct-photon production in heavy ion collisions at RHIC	Dr DREES, Axel
11:53	[796] Thermal radiation via dielectrons with ALICE	VOROBYEV, Ivan

## Heavy Ions: Heavy Ions - Club B (14:30 - 16:15)

-Conveners: Liliana Apolinario

time	[id] title	presenter
14:30	[467] Jet Measurements in Heavy Ion Collisions with the ATLAS Experiment	SPOUSTA, Martin
14:47	[840] Study of jet energy redistribution and broadening via hadron+jet correlations in pp and Pb-Pb collisions with ALICE	MAO, Yaxian
15:04	[202] Interpreting inclusive jet and gamma-jet suppression in heavy-ion collisions at the LHC	OGRODNIK, Agnieszka Ewa
15:21	[685] Determination of the path-length of parton energy loss in quark-gluon plasma	ARLEO, Francois
15:38	[1099] Factorization and jet functions in heavy-ion collisions	Mr LAMAS RODRÍGUEZ, Carlos
15:55	[822] Jet tomography of QGP and medium response	Dr WANG, Xin-Nian

**Heavy Ions: Heavy Ions - Club B (16:45 - 18:30)****-Conveners: Emilie Maurice**

time	[id] title	presenter
16:45	[1011] Quarkonium dynamics in the quantum Brownian regime with non-abelian quantum master equations	DADDI HAMMOU, DADDI
17:02	[876] Recent $J/\psi$ measurements at the PHENIX experiment	LI, Xuan
17:19	[470] Top quark and quarkonia production in heavy-ion collisions with the ATLAS experiment	XU, Yue
17:36	[794] Studying QCD production mechanisms and medium effects on quarkonia formation with ALICE	SEO, Jinjoo
17:53	[792] Study of collective phenomena via the production of heavy quarks and quarkonia in hadronic collisions with ALICE	VALENCIA TORRES, Victor
18:10	[1071] $R_{AA}$ and $v_n$ : relativistic transport approach for charm and bottom toward a more solid phenomenological determination of $D_s(T)$	PLUMARI, Salvatore

# Saturday, 20 July 2024

## Heavy Ions: Heavy Ions - Club B (14:45 - 16:15)

-Conveners: Liliana Apolinario

time	[id] title	presenter
14:45	[1066] Heavy hadron production with a coalescence plus fragmentation hadronization approach: AA system size scan down to pp collisions	MINISSALE, Vincenzo
15:02	[800] Characterisation of heavy-quark propagation and thermalisation in QGP with ALICE	FLORES, Amanda
15:19	[1147] Jet Azimuthal Anisotropies in Heavy-Ion Collisions	Dr PABLOS, Daniel
15:36	[1284] Forward dijet production at the LHC within an impact parameter dependent TMD approach	ROYON, Christophe
15:53	[890] SUBA-Jet: a new coherent jet energy loss model for heavy-ion collisions	Dr KARPENKO, Iurii

## Heavy Ions: Heavy Ions - Club B (16:45 - 18:30)

-Conveners: Iurii Karpenko

time	[id] title	presenter
16:45	[683] Femtoscopy using Lévy-type source at NA61/SHINE	PORFY, Barnabas
17:02	[101] Femtoscopy with Lévy sources from SPS through RHIC to LHC	KINCSES, Dániel
17:19	[551] Studying the dynamics of particle-emitting sources in p-Pb and Pb-Pb collisions with ALICE at the LHC energies using femtoscopy	TOMASSINI, Sofia
17:36	[974] First measurement of heavy flavour femtoscopy using $D^0$ mesons and charged hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 200\text{--}GeV$ by STAR	GWIZDZIEL, Katarzyna
17:53	[710] Probing the (anti)nucleosynthesis via nuclear flow measurements and hypertriton spin determination via the polarization measurement	BARIOGLIO, Luca
18:10	[1122] An Augmented QCD Phase Portrait: Mapping Quark-Hadron Deconfinement for Hot, Dense, Rotating Matter under Magnetic Field	MUKHERJEE, Gaurav