



# EPS-HEP2021 conference

## Monday 26 July 2021

### T05: Heavy Ion Physics: Part 1 (10:00-12:00)

time	[id] title	presenter
10:00	[241] Recent heavy-flavor measurements with the ATLAS detector	NAGLE, Jamie
10:15	[506] Recent results of D0 mesons azimuthal anisotropy using the CMS detector	BERNARDES, Cesar
10:30	[610] Open charm and beauty production and anisotropy from small to large systems with ALICE	TROGOLO, Stefano
10:45	[880] Recent LHCb results on charm in the QCD medium	GU, Chenxi
11:00	[240] Measurements of jet suppression and modification in heavy-ion collisions with ATLAS	MCGINN, Christopher
11:15	[297] Influence of scattering versus coherent parton branching on the $k_T$ broadening of QCD cascades in a medium	ROHRMOSER, Martin
11:30	[620] Measurements of jet quenching via hadron+jet correlations in Pb-Pb and high-particle multiplicity pp collisions with ALICE	KOTLIAROV, Artem
11:45	[76] First steps towards the quantum simulation of jet quenching	BARATA, Joao

### T05: Heavy Ion Physics: Part 2 (14:15-16:15)

time	[id] title	presenter
14:15	[886] First LHCb results from PbPb collisions at 5.02 TeV	MANCA, giulia
14:30	[969] Production and ratios of heavy hadrons from large to small collision systems with a coalescence plus fragmentation approach	MINISSALE, Vincenzo
14:45	[550] Quarkonia measurements in nucleus-nucleus collisions with ALICE	GARG, Kunal
15:00	[615] Jet substructure measurements in heavy-ion collisions with ALICE	MULLIGAN, James
15:15	[514] Multi-partonic medium induced cascades in expanding media	ADHYA, Souvik Priyam
15:30	[936] Quenching effects in the jet spectrum at various cone sizes	TAKACS, Adam
15:45	[569] Exploring jet fragmentation using two-particle correlations with $\Lambda$ and $K_S^0$ as trigger particles in pp and Pb-Pb collisions with ALICE	HUSOVA, Lucia
16:00	[705] Deep learning jet modifications in heavy-ion collisions	DU, YILUN

### T05: Heavy Ion Physics: Part 3 (16:30-18:30)

time	[id] title	presenter
16:30	[593] Measurements of mixed harmonic cumulants in Pb-Pb collisions at 5.02 TeV with ALICE	ZHOU, You
16:45	[38] Search for collective behaviour and multiparton interactions in ep scattering at HERA	GANGADHARAN, Dhevan

17:00	[236] Measurements of collective behavior in pp, Xe+Xe, and Pb+Pb collisions with the ATLAS detector	BHATTA, Somadutta
17:15	[576] Studies of anisotropic flow with event-shape engineering and mean transverse momentum - flow correlations in Pb-Pb, Xe-Xe and pp collisions with ALICE	NIELSEN, Emil Gorm
17:30	[1082] Impact of the initial electromagnetic and glasma fields on heavy quarks and leptons from Z0 decay	Dr SUN, Yifeng
17:45	[1063] Polarization of lambda hyperons, vorticity and helicity structure in heavy-ion collisions	ZINCHENKO, Aleksei
18:00	[726] Spectator induced electromagnetic effects on charged meson production in nucleus-nucleus collisions from NA61/SHINE at CERN SPS	BHOSALE, Sneha
18:15	[797] Secondary nuclei from O-16 fragmentation at the LHC	SVETLICHNYI, Aleksandr

# Tuesday 27 July 2021

## **T05: Heavy Ion Physics: Part 4 (09:30-11:30)**

time	[id] title	presenter
09:30	[635] Constraining transport properties of quark-gluon plasma using non-linear hydrodynamic response	MORAVCOVA, Zuzana
09:45	[251] Anisotropic flow decorrelation in heavy-ion collisions at RHIC-BES energies with 3D event-by-event viscous hydrodynamics	CIMERMAN, Jakub
10:00	[567] Measurement of the jet-particle $v_2$ in p-Pb and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV with ALICE at the LHC	TANG, Siyu
10:15	[483] The Gluon Exchange Model for diffractive and inelastic collisions	JEŽABEK, Marek
10:30	[609] Measurement of electroweak-boson production in pp, p-Pb, and Pb-Pb collisions with ALICE at the LHC	SAKAI, Shingo
10:45	[1015] Electron-Ion Collisions at the LHeC and FCC-he	MILHANO, Guilherme
11:00	[825] A large bound state in small systems: ALICE measurement of hypertriton production in pp and p-Pb collisions	DITZEL, Janik
11:15	[749] Nuclear coalescence and collective behaviour in small interacting systems	TJEMSLAND, Jonas

## **T05: Heavy Ion Physics: Part 5 (16:00-17:00)**

time	[id] title	presenter
16:00	[595] Measurements of net-charge fluctuations across various colliding systems with ALICE	KHAN, Shaista
16:15	[594] News from the NA61/SHINE strong-interactions program at CERN SPS	PULAWSKI, Szymon
16:30	[690] System size and energy dependence of resonance production measured with ALICE	GANOTI, Paraskevi

# Thursday 29 July 2021

## **T05: Heavy Ion Physics: Part 6 (16:30-17:30)**

time	[id] title	presenter
16:30	[239] Measurement of light-by-light scattering in ultra-peripheral Pb+Pb collisions with the ATLAS detector	DYNDAL, Mateusz
16:45	[461] From Wigner distributions of photons to dilepton production in semicentral heavy ion collisions	KŁUSEK-GAWENDA, Mariola
17:00	[237] Di-muons production from two-photon scattering in Pb+Pb collisions with the ATLAS detector	COLE, Brian
17:15	[238] Two-particle azimuthal correlations in photo-nuclear ultra-peripheral Pb+Pb collisions at 5.02~TeV with ATLAS	SEIDLITZ, Blair