



# 50th International Symposium on Multiparticle Dynamics (ISMD2021)

## Monday, 12 July 2021

### Poster Session: 1 (19:30 - 21:00)

time	[id] title	presenter
19:30	[92] Scaling properties of jets in high-energy proton-proton collisions	VERTESI, Robert
19:32	[97] First indication on self-similarity of strangeness production in $\text{Au+Au}$ collisions at RHIC and critical phenomena in nuclear matter	Prof. TOKAREV, Mikhail
19:34	[116] Collective phenomena in pp interactions with high multiplicity	Prof. KOKOULINA, Elena
19:36	[126] Forward-backward correlations in proton-proton collisions at the LHC energy: A model based study	Mrs MONDAL, Joyati Dr KAR, Somnath
19:38	[132] Machine learning and anomaly detection using rapidity-mass matrices	CHEKANOV, Sergei
19:40	[142] Quantifying the QGP shear viscosity using the two-particle transverse momentum correlations	BASU, Sumit Dr ABDELRAHMAN, Niseem
19:42	[148] Study of kinematic dependence of azimuthal anisotropies in $\text{p+}^3\text{He+Au}$ collisions at PHENIX	LIM, Sanghoon
19:44	[160] Normal and anomalous transport in large and small collision-systems	LACEY, Roy
19:46	[166] Strangeness and electric charge dependent splitting of the rapidity-odd directed flow between quarks and anti-quarks in Au+Au collisions	SHEIKH, Ashik Ikbai
19:48	[186] Effect of strangeness and electric charge on violation of coalescence sum rule by directed flow of hadrons in Au+Au collisions using the AMPT model	Dr NAYAK, Kishora
19:50	[187] Intermittency Analysis of Toy Monte Carlo events	SHARMA, Sheetal
19:52	[192] Collective dynamics of heavy ion collisions in ATLAS	SANTOS, Helena
19:54	[102] Compton amplitude and the nucleon structure functions on the lattice via the Feynman-Hellmann theorem	CAN, Kadir Utku
19:58	[174] Charm fragmentation and associated $J/\psi+Z/W$ production at the LHC	PROKHOROV, Andrei
20:00	[205] Hadron Structure from Basis Light-front Quantization	MONDAL, Chandan
20:02	[209] The interpretation and future prospects of the B meson anomalies	FAJFER, S
20:04	[210] NLO Corrections to Di-Jet Production in DIS Using the Color Glass Condensate	BERGABO, Filip
20:06	[137] Determination of $\alpha_S$ beyond $\text{NNLO}$ using the event shape averages	VERBYTSKYI, Andrii
20:08	[152] PB parton showers applied to Drell Yan + jets production	BERMUDEZ MARTINEZ, Armando
20:10	[158] Applications of pT-xR Variables in Describing Inclusive Cross Sections at the LHC	TAYLOR, Frank
20:14	[208] Factorization and Jet Broadening in Medium	CLAYTON, Hannah

# Tuesday, 13 July 2021

## Poster Session: 2 (19:30 - 21:00)

time	[id] title	presenter
19:30	[130] Hadron Production in terms of Green's Functions in Non-Equilibrium Matter	KOSHELKIN, Andrew
19:32	[135] "Measurements of leptons from HF decays and understanding small systems in LHC Run-3 perspective "	Dr DAS, Debasish
19:34	[175] Measurements of subjet fragmentation with ALICE	MULLIGAN, James
19:36	[203] Transverse sphericity dependence of elliptic flow and application of machine learning tools in heavy-ion collisions at the LHC using AMPT model	Mr MALLICK, Neelkamal
19:38	[110] Quarkonium at Belle II	LIBBY, James
19:46	[136] Study of light, charmonium-like, and fully-charm tetraquark spectroscopy	Mr ZHAO, Zheng
19:48	[161] Measurements of charm-baryon production and hadronization in pp collisions with ALICE	CHENG, Tiantian
19:50	[178] Lifetime measurements of $\Lambda^3_H$ and $\Lambda^4_H$ in Au+Au Collisions at $\sqrt{s_{NN}} = 7.2$ GeV from STAR experiment	Ms LI, Xiujun
19:52	[105] New results on fluctuations in NA61/SHINE experiment	CYBOWSKA, Justyna Monika
19:54	[107] Recent BABAR results on measurement of exclusive hadronic cross sections	ANULLI, Fabio
20:00	[129] Medium modified jet shape observables in Pb-Pb collisions at 2.76 TeV using EPOS and JEWEL event generators	Mr SAHA, Sumit Kumar
20:02	[131] pT dependence of the correlation between initial spatial anisotropy and final momentum anisotropies in relativistic heavy ion collisions	THAKUR, Sanchari
20:04	[146] Marjan Cirkovic (for the NA61/SHINE collaboration) "Strange-hadron production in $p+p$ interactions at $\sqrt{s_{NN}}=17.3$ GeV measured by NA61/SHINE"	CIRKOVIC, Marjan
20:06	[163] $P_c$ in Molecular Picture	Mr PHUMPHAN, Kanokphon
20:08	[169] System size and collision energy dependence of longitudinal asymmetry	Mr SAHA, Sumit Kumar
20:10	[183] Enhancement of low-mass dileptons in ultraperipheral collisions	DREMIN, Igor
20:12	[188] Study hadron property and structure in high energy multiproduction process	LI, S-Y
20:14	[199] Searching for QCD Instantons at hadron colliders	AMOROSO, Simone
20:16	[215] Study of D0 mesons interactions via femtoscopic correlations	MAIETTO SILVERIO, Isabela
20:18	[214] Intermittency in pp collisions at $\sqrt{s} = 0.9, 7$ and $8$ TeV from the CMS collaboration	ONG, Zongjin
20:20	[216] Oscillations in Modified Combinants of Multiplicity Distributions from Yukawa-like Branching	AGARWAL, Pulkit
20:22	[223] Aspects of Diffractive Scattering at High Energy and AdS/CFT	AGARWAL, Pulkit
20:24	[198] The impact of ATLAS V+jet measurements on PDF fits	ATLAS COLLABORATION CONROY, Eimear Isobel

# Thursday, 15 July 2021

## Poster Session: Flash talks (19:30 - 21:00)

time	[id] title	presenter
19:30	[236] A Fourier-Cumulant Analysis for multiharmonic flow fluctuation	Dr TAGHAVI, Seyed Farid
19:32	[231] Investigations of the longitudinal broadening of two-particle transverse momentum correlations from STAR	Dr ABDELRAHMAN, Niseem
19:34	[228] Diquark Parton Distribution Functions for nucleons from light-front holography	RODRIGUEZ, Benjamin
19:36	[226] Anisotropic flow decorrelation in heavy-ion collisions at RHIC-BES energies with 3D event-by-event viscous hydrodynamics	CIMERMAN, Jakub
19:38	[238] Measuring the Fragmentation Function of Jets in Heavy Ion Collisions Using Jet-Hadron Correlations	HUGHES, Charles
19:40	[237] Cosmic ray effects due to meteor shower using high altitude balloon experiment	Ms THADISINA, Anjali Shivani Reddy
19:42	[235] The importance of multiple scatterings in medium-induced gluon radiation	GONZALEZ MARTINEZ, Marcos
19:44	[234] The QCD Equation of State in Small Systems	HOROWITZ, William Alexander
19:46	[233] Colouring the Higgs boson	CALLEA, Giuseppe
19:48	[232] Baryonic content of charged pions	BRONIOWSKI, Wojciech
19:50	[230] Exploring jet substructure in semi-visible jets	SINHA, Sukanya
19:52	[229] Ab Initio Coupling of Jets to Collective Flow in the Opacity Expansion Approach	Dr SADOBYEV, Andrey
19:54	[227] Constraining nuclear quadrupole deformation in relativistic heavy-ion collisions from a multiphase transport model	Dr ZHANG, Chunjian
19:56	[225] PDF4LHC21: benchmarking of global PDF fits	CRIDGE, Thomas