

XIV Workshop on Particle Correlations and Femtoscopy

dedicated to 100th anniversary of M.Podgoretsky's birth

June 3 - 7, 2019, Dubna, Russia

Preliminary Programme

June 3, 2019 Sunday

Arrival

June 3, 2019 Monday

08:00 - 12:00	Registration	240'
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Opening

09:00 - 09:10	KEKELIDZE Vladimir (JINR)	10'
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09:10 - 09:20	KISIEL Adam (WUT & JINR)	10'
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09:20 - 09:30	LEDNICKY Richard (JINR)	10'
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Session 1

09:30 - 10:00	LEDNICKY Richard (JINR)	30'
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Correlation femtoscopy: origins and achievements

10:00 - 10:30	KISIEL Adam (WUT & JINR)	30'
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Status of the MPD experiment

10:30 - 11:00	CSORGO Tamas (Wigner RCP Budapest & EKE KRC Gyongyos)	30'
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Model Dependent Observation of Odderon from Elastic pp and ppbar Scattering at TeV Energies

11:00 - 11:30	TOMASIK Boris (Univerzita Mateja Bela)	30'
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Prospects of Event Shape Sorting

11:30 - 11:50	Coffe break	20'
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Session 2

11:50 - 12:20	SCHWEID Benjamin (Stony Brook University)	30'
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Femtoscopic measurements for shape-engineered events in Au+Au collisions for the Beam Energy Scan at STAR

12:20 - 12:50	MALININA Ludmila (SINP MSU, Moscow & JINR)	30'
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Identical charged pion and kaon femtoscopic correlations in pp collisions at 13 TeV with event-shape selection

12:50 - 13:20	SIMATOVIC Goran (Nikhef, Amsterdam)	30'
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Event-shape dependent same charge pion femtoscopy in pp collisions at $\sqrt{s_{NN}} = 7$ TeV with the ALICE detector

13:20 - 14:20	Lunch	60'
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Session 3

14:20 - 14:50	SINYUKOV Yuriy (BITP, Kiev) <i>Femtoscopic picture of relativistic heavy ion collisions in integrated HydroKinetic Model</i>	30'
14:50 - 15:20	GRACZYKOWSKI Ąukasz (Warsaw University of Technology) <i>Measurement of the strong interaction between matter and antimatter in heavy-ion collisions with ALICE</i>	30'
15:20 - 15:50	MIKHAYLOV Konstantin (ITEP, Moscow & JINR) <i>K+K- correlations in Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV by the ALICE at the LHC.</i>	30'
15:50 - 16:20	PAWAŁOWSKA Diana (Warsaw University of Technology) <i>Neutral kaon femtoscopy in STAR</i>	30'
16:20 - 16:40	Coffe break	20'

Session 4

16:40 - 17:10	KURGYIS Blint (Etvs Lornd University, Budapest) <i>Three particle Levy HBT from PHENIX</i>	30'
17:10 - 17:40	PUKHAEVA Nelli (JINR) <i>High order BEC</i>	30'
17:40 - 18:10	KHYZHNIAK Eugenia (NRNU MEPhI, Moscow) <i>Azimuthally-differential pion femtoscopy in Cu+Au and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV in the STAR experiment</i>	30'
18:10 - 18:40	KINCSES Daniel (Etvs Uni. & Stony Brook Uni.) <i>Measurements of HBT correlations and Levy source parameters in $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions at the STAR experiment</i>	30'
18:40 - 19:10	CSANAD Mate (Etvs University, Budapest) <i>Exact analytic solutions of viscous hydrodynamics</i>	30'

Welcome Party

19:15 - 21:15	International Conference Hall	120'
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June 4, 2019 Tuesday

Session 5

09:00 - 09:30	FABBIETTI Laura (Technische Universitt Mnchen) <i>Strange Hadrons and Neutron Stars</i>	30'
09:30 - 10:00	MIHAYLOV Dimitar (Technical University of Munich) <i>Beyond the scattering and hypernuclei experiments: a tale of the p-Λ and Λ-Λ correlation studies at ALICE</i>	30'
10:00 - 10:30	HOHLWEGER Bernhard (Technical University Munich) <i>Unprecedented precision studies of the proton Xi interaction via the femtoscopy method.</i>	30'
10:30 - 11:00	MATHIS Andreas (Technische Universitt Mnchen) <i>Constraining the p-Σ⁰ interaction for the first time employing femtoscopy in ALICE</i>	30'

11:00 - 11:30	VAZQUEZ DOCE Oton (Technical University of Munich) <i>Precise experimental constraints of the strong interaction between a proton and a $S =3$ baryon using femtoscopy</i>	30'
11:30 - 11:50	Coffe break	20'
Session 6		
11:50 - 12:20	LEA Ramona (University and INFN Trieste) <i>Probing the meson-baryon strong interaction via femtoscopy in pp and p-Pb collisions with ALICE</i>	30'
12:20 - 12:50	NOVAK Tamas (Eszterhazy Karoly Uni., Jaszarokszallas) <i>Model independent Levy analysis and its applications</i>	30'
12:50 - 13:20	LÖKÖS Sándor (Eszteházy Károly & Eötvös Loránd Uni.) <i>Coulomb-correction for Lévy-type sources</i>	30'
13:20 - 14:20	Lunch	60'
Session 7		
14:20 - 14:50	KUCHARCZYK Marcin (IFJ PAN, Krakow) <i>Particle correlations at LHCb</i>	30'
14:50 - 15:20	PADULA Sandra (UNESP, Sao Paulo) <i>Results on Bose-Einstein correlations of charged hadrons in pp collisions at 13 TeV</i>	30'
15:20 - 15:50	NIGMATKULOV Grigory (NRNU MEPhI, Moscow) <i>Femtoscopic probes with strange particles in STAR</i>	30'
15:50 - 16:20	KASZA Gábor (Wigner RCP, Eszterházy University) <i>of relativistic hydrodynamics - observation of a non-monotonic behaviour at RHIC</i>	30'
16:20 - 16:50	BATYUK Pavel (Joint Institute for Nuclear Research) <i>Femtосcopy with identified particles for NICA/MPD</i>	30'
16:50 - 16:55	Short film about NICA	05'
16:55 - 17:15	Coffe break	20'
EXCURSION to NICA		
17:15 - 19:15	Bus1 from International Conference Hall	120'
17:20 - 17:20	Bus2 from International Conference Hall	

June 4, 2019 Wednesday

07:00 - 20:00	EXCURSION to Moscow	780'
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June 5, 2019 Thursday

Session 8

09:00 - 09:30	JANIK Malgorzata (Warsaw University of Technology)	30'
	<i>Review on correlations from ALICE</i>	
09:30 - 10:00	PARFENOV Peter (MEPhI, Moscow)	30'
	<i>Elliptic and triangular collective flow of identified charged hadrons in Au+Au at $\sqrt{s_{NN}} = 200$ GeV</i>	
10:00 - 10:30	GOLOSOV Oleg (MEPhI, Moscow)	30'
	<i>Anisotropic flow measurements from the NA61/SHINE and NA49 beam momentum scan programs at CERN SPS</i>	
10:30 - 11:00	STEFANIAK Maria (Subatech, Nantes)	30'
	<i>Investigation of particle anti-particle elliptic flow difference</i>	
11:00 - 11:30	TARANENKO Arkadiy (NRNU MEPhI, Moscow)	30'
	<i>Anisotropic flow measurements at NICA energies</i>	
11:30 - 11:50	Coffe break	20'

Session 9

11:50 - 12:20	ALTSYBEEV Igor (St.Petersburg State University)	30'
	<i>Application of Principal Component Analysis to establish a proper basis for flow studies in heavy-ion collisions</i>	
12:20 - 12:50	VECHERNIN Vladimir (St. Petersburg State University)	30'
	<i>Calculation of long-range rapidity correlations in the model with string fusion on a transverse lattice</i>	
12:50 - 13:20	PROKHOROVA Daria (St Petersburg State University)	30'
	<i>Study of forward-backward multiplicity fluctuations and correlations with pseudorapidity</i>	
13:20 - 14:20	Lunch	60'

Session 10

14:20 - 14:50	LACEY Roy (Stony Brook University)	30'
	<i>Search for the critical point in the phase diagram for QCD matter</i>	
14:50 - 15:20	MUDROKH Alexander (JINR)	30'
	<i>Prospects for the study of event-by-event fluctuations and strangeness production with the MPD detector at NICA</i>	
15:20 - 15:50	PÓRFY Barnabás (Eötvös Loránd University, Budapest)	30'
	<i>Bose-Einstein correlations at NA61/SHINE</i>	
15:50 - 16:20	SERYAKOV Andrey (St.Petersburg State University)	30'
	<i>Correlations and fluctuations from the NA61/SHINE experiment</i>	
16:20 - 16:40	Coffe break	20'

Session 11

16:40 - 17:10	BOLDIZSAR Balint (Eötvös University, Budapest)	30'
	<i>Analytic model studies of polarized baryon production</i>	
17:10 - 17:40	CIMERMAN Jakub (Czech Technical University, Prague)	30'

17:40 - 18:10	<i>The shape of the correlation function</i> GREIFENHAGEN Robert (HZDR, Dresden)	30'
	<i>Bose-Einstein correlations in central and non-central Au+Au collisions at 1.23 A GeV</i>	
18:10 - 18:40	UZHVA Denis (St.Petersburg State University)	30'
	<i>Convolutional neural network for centrality in fixed target</i>	
18:40 - 19:10	SHMATOV Sergey (Joint Institute for Nuclear Research)	30'
	<i>Multiparticle correlation studies in pPb collisions</i>	
Conference Banquet		
19:30 - 23:30	Conference Banquet at Restaurant "Dubna"	240'

June 7, 2019 Friday

Session 12

09:00 - 09:30	RYBCZYNSKI Maciej (Jan Kochanowski University, Kielce)	30'
	<i>Multiplicity fluctuations in the dynamical clusterization model</i>	
09:30 - 10:00	KOLOMEITSEV Evgeni (Matej Bel University & BLTP JINR)	30'
	<i>Charge and isospin fluctuations in a non-ideal pion gas with dynamically fixed particle number</i>	
10:00 - 10:30	KOVALENKO Vladimir (Saint Petersburg State University)	30'
	<i>Correlations with charge and mean transverse momentum in pp and AA collisions at high energy in string fusion approach</i>	
10:30 - 11:00	KHABANOVA Zhanna (Nikhef, Amsterdam)	30'
	<i>Studies of collective effects in pp collisions at the LHC with the balance function for the identified particles</i>	
11:00 - 11:30	ANDRONOV Evgeny (Saint Petersburg State University)	30'
	<i>Multiplicity correlations with strongly intensive quantities</i>	
11:30 - 11:50	Coffe break	20'

Session 13

11:50 - 12:20	GONZALEZ Victor (GSI, Darmstadt)	30'
	<i>Two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV</i>	
12:20 - 12:50	MROWCZYNSKI Stanislaw (National Centre for Nuclear Research)	30'
	<i>Production of light nuclei in relativistic heavy-ion collisions</i>	
12:50 - 13:20	FRAGIACOMO Enrico (INFN Trieste)	30'
	<i>Precise measurements of light-flavour resonances production with ALICE: new results and opportunities</i>	

Closing

13:20 - 13:40	LEDNICKY Richard (JINR)	20'
13:40 - 14:40	Lunch	60'