

6th International Conference on New Frontiers in Physics (ICNFP2017)

Saturday, 19 August 2017

Parallel session: 5 B Heavy Ion Physics Session - Room 5 (15:00 - 16:00)

-Conveners: Maria Vasileiou

time	[id] title	presenter
15:00	[1028] Resonance production in Pb-Pb collisions measured with the ALICE experiments at the LHC	RIABOV, Viktor
15:30	[1035] Measurements of D-meson production in p-Pb and Pb-Pb collisions with the ALICE detector at the LHC	BEDDA, Cristina

Parallel session: 6 A Particle Physics Session - Room 6 (15:00 - 16:00)

-Conveners: Sergei Voloshin

time	[id] title	presenter
15:00	[986] Electron and Photon ID	HRYN'OV, Tetiana
15:30	[1257] CMS Search for new physics in events with jets, b-tagged jets, and large missing transverse momentum in the all-hadronic channel at $\sqrt{s} = 13$ TeV	Dr BEIN, Samuel Louis

Parallel session: 5 A Particle Physics Session - Room 5 (16:30 - 18:00)

-Conveners: Viktor Riabov

time	[id] title	presenter
16:30	[968] Transverse momentum spectra and nuclear modification factors of identified charged hadrons in p-Pb and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE	Prof. VASILEIOU ON BEHALF OF THE ALICE COLLABORATION, Maria
17:00	[1281] Measurements of the CP violating phase ϕ_s at LHCb	BATOZSKAYA, Varvara
17:30	[1197] Fluctuations in non-ideal pion gas with dynamically fixed particle number	KOLOMEITSEV, Evgeni

Parallel session: 6 A Particle Physics Session - Room 6 (16:30 - 18:30)

-Conveners: Oleg Lebedev

time	[id] title	presenter
16:30	[1000] Inclusive searches for squarks and gluinos with the ATLAS detector	ADACHI, Shunsuke
16:55	[1538] Searches for electroweak production of supersymmetric gauginos and sleptons with the ATLAS detector	KOURKOUMELI-CHARALAMBI DI, Athina
17:20	[1090] Recent CMS B physics results	POLIKARPOV, Sergey
17:50	[1364] The Belle II Experiment	BOZEK, Andrzej

Parallel session: 4 A Particle Physics Session - Room 4 (17:20 - 17:50)

Tuesday, 22 August 2017

Parallel session: 5 A Particle Physics Session - Room 5 (15:00 - 16:00)

-Conveners: Vladimir Gligorov

time	[id] title	presenter
15:00	[1255] $\phi(1285) \rightarrow e^+e^-$ decay and direct $\phi(1285)$ production in e^+e^- collisions	RUDENKO, Alexander
15:20	[1048] Top-quark results at CMS	LISTA, Luca

Parallel session: 5 A Particle Physics Session - Room 5 (16:30 - 18:35)

-Conveners: Walter Marcello Bonivento

time	[id] title	presenter
16:30	[1155] Quantum scattering beyond the plane-wave approximation	Dr KARLOVETS, Dmitry
17:00	[1163] Gluons, Heavy and Light Quarks in the QCD Vacuum	Prof. MUSAKHANOV, Mirzayusuf
17:30	[1057] KamLAND-Zen 800 status and future prospects	KOGA, Masayuki
18:00	[1125] The ICARUS experiment	FARNESE, Christian

Wednesday, 23 August 2017

Parallel session - Room 3 (16:30 - 18:00)

-Conveners: Vladimir Kekelidze

time	[id] title	presenter
16:30	[994] Measurement of cross sections and couplings of the Higgs Boson in bosonic decay channels with the ATLAS detector	BELYAEV, Nikita
17:00	[1440] Search for K^+ to π^+ $\nu \nu$ at NA62	ALIBERTI, Riccardo
17:30	[1441] Search for heavy neutrinos at the NA48 and NA62 experiments at CERN	PERUZZO, Letizia

Parallel session: 4 A Particle Physics Session - Room 4 (16:30 - 18:30)

-Conveners: Nicolas Berger

time	[id] title	presenter
16:30	[985] ATLAS Jet Reconstruction, Energy Scale Calibration, and Tagging of Lorentz-boosted Objects	SCHRAMM, Steven
17:00	[988] Measurements of the Vector boson production with the ATLAS Detector	KORDAS, Konstantinos
17:30	[1088] The ATLAS Run-2 Trigger Menu for higher luminosities: Design, Performance and Operational Aspects	RUIZ MARTINEZ, Arantxa
18:00	[1562] Unruh effect in heavy ion collisions	TESLYK, Maksym

Parallel session: 5 - Room 5 (16:30 - 18:30)

-Conveners: Silvio Donato

time	[id] title	presenter
16:30	[1475] Heavy Ions (CMS)	MILOSEVIC, Jovan
17:30	[936] On the relationship between electromagnetic curvature and acceleration of charges	Dr HADAD, Yaron
18:00	[1303] Beyond the phenomenology of the BCS model	Dr ANGHEL, Dragos-Victor

Parallel session: 6 - Room 6 (16:30 - 18:30)

-Conveners: Wim De Boer

time	[id] title	presenter
16:30	[1219] Dark Matter searches at CMS	DE COSA, Annapaola
17:00	[1236] Non-exponential decay in a quantum field theoretical treatment	Prof. GIACOSA, Francesco
17:30	[976] Sub-leading flow modes in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV from HYDJET++ model	MILOSEVIC, Jovan
18:00	[1013] Mass problem in the Standard Model	Prof. MARTINEZ, Roberto

Thursday, 24 August 2017

Parallel session: 5 A Particle Physics Session - Room 5 (16:30 - 18:30)

-Conveners: Sergei Voloshin

time	[id] title	presenter
16:30	[1284] Forward Physics at CMS	Dr SEN, Sercan
17:00	[1291] Standard Model Measurements at CMS	NEUMEISTER, Norbert
17:30	[1233] Ultra long-lived particles searches with MATHUSLA	ALPIGANI, Cristiano
18:00	[1216] Search for new physics in events with two low momentum opposite-sign leptons and missing transverse energy at $\sqrt{s} = 13$ TeV	Mr KARATHANASIS, Georgios

Parallel session: 6 - Room 6 (16:30 - 18:00)

-Conveners: Andre Sopczak

time	[id] title	presenter
16:30	[993] Top quark properties and mass measurements with the ATLAS detector	DADO, Tomas
17:00	[1001] Searches for direct pair production of third generation squarks with the ATLAS detector	KOEHLER, Nicolas Maximilian
17:30	[999] Search for pair production of new particles in ATLAS	BERLENDIS, Simon Paul

Friday, 25 August 2017

Parallel session - Room 2 (14:30 - 15:30)

time	[id] title	presenter
14:30	[1089] Invisible Trojan-horse attack	Mr SAJEED, shihan

Parallel session: 3 - Room 3 (14:30 - 15:30)

-Conveners: Roberto Martinez

time	[id] title	presenter
14:30	[1010] Initial state correlations in the CGC wave function	LUBLINSKY, Michael
15:00	[1106] Forward Physics at the LHC: from the Pomeron structure to the search for anomalous coupling	ROYON, Christophe

Parallel session: 4 - Room 4 (14:30 - 15:30)

-Conveners: Albert De Roeck

time	[id] title	presenter
14:30	[1473] SUSY (CMS)	KALOGEROPOULOS, Alexis
15:00	[1546] SUSY (ATLAS)	SOPCZAK, Andre

Parallel session: 5 Joint Quantum Session - Room 5 (14:30 - 15:30)

time	[id] title	presenter
14:30	[953] The analogy of equation of rotation in complex plane with the Dirac equation, and its foundation	Dr SANDUK, Mohammed

Parallel session: 6 Joint Quantum Session - Room 6 (14:30 - 15:30)

time	[id] title	presenter
15:00	[1152] Towards topological quantum computer	MIRONOV, Sergey

Saturday, 26 August 2017

Parallel session: 1 A Particle Physics Session - Room 1 (Auditorium, Main Session) (15:00 - 16:00)

-Conveners: Christophe Royon

time	[id] title	presenter
15:00	[991] Measurements of low energy observables, elastic pp interactions and exclusive production in proton-proton collisions with the ATLAS Detector	BUSSEY, Peter

Parallel session: 2 B Heavy Ion Physics Session - Room 2 (15:00 - 16:00)

-Conveners: Ivan Kisel

Parallel session: 4 D Astroparticle, Cosmology, Gravity, Math Phys - Room 4 (15:00 - 16:00)

-Conveners: Sergey Godunov

time	[id] title	presenter
15:00	[1017] Searches for Neutrinoless Double Beta Decays	SCHWINGENHEUER, Bernhard
15:30	[958] Towards the first measurement of matter-antimatter gravitational interaction	EVANS, Craig William

Parallel session: 5 A Particle Physics Session - Room 5 (15:00 - 16:00)

-Conveners: Steven Laurens Manly

time	[id] title	presenter
15:00	[1509] Recent Results from T2K	BRAVAR, Sandro
15:30	[1039] The MURAVES project and parallel activities on cosmic-ray muon absorption radiography	Dr BONECHI, Lorenzo

Parallel session: 6 - Room 3 (15:00 - 16:00)

-Conveners: Elena Luschevskaya

time	[id] title	presenter
15:00	[1082] Lattice QCD at finite baryon density using analytic continuation	BORNYAKOV, Vitaly
15:30	[1567] Entanglement entropy in Yang-Mills theory: lattice measurements and qualitative features	ZAKHAROV, Valentin

Monday, 28 August 2017

Parallel session: 3 - Room 3 (10:00 - 10:30)

time	[id] title	presenter
10:00	[989] Recent Tests of the Standard Model with Multi boson final states at the ATLAS Detector	CAMPANELLI, Mario

Parallel session: 5 - Room 5 (10:00 - 10:30)

Parallel session: 6 - Room 6 (10:00 - 10:30)

time	[id] title	presenter
10:00	[1474] Search for Charged Lepton Flavour Violation at CMS	MUKHERJEE, Swagata

Parallel session: 4 - Room 4 (11:00 - 13:05)

-Conveners: Kyrill Bugaev

time	[id] title	presenter
11:00	[1363] Magnetic structure of vector mesons in lattice QCD	LUSCHEVSKAYA, Elena
11:30	[1445] TBA	Mr ASTAPOV, Konstantin
11:50	[1072] Excited Charmed Baryons	Dr SOLOVIEVA, Elena
12:15	[990] Probing QCD with Photons and Jets at the ATLAS Detector	CALLEA, Giuseppe
12:40	[987] Tracking and Vertexing with the ATLAS Inner Detector in the LHC Run2 and Beyond	SWIFT, Stewart Patrick

Parallel session: 5 B Heavy Ion Physics Session - Room 5 (11:00 - 13:30)

-Conveners: Claudio Ciofi degli Atti

time	[id] title	presenter
11:00	[1036] Electromagnetic field effects on Υ meson suppression in PbPb collisions at LHC energies	HOELCK, Johannes
11:30	[1047] Low Momentum Direct Photon Measurement	FAN, Wenqing
12:30	[1229] The measurement of J/Ψ production as function of multiplicity in pp and p-pb collisions with ALICE	Ms KHATUN, Anisa

Parallel session: 6 - Room 6 (11:00 - 13:30)

-Conveners: Marios Petropoulos

time	[id] title	presenter
11:00	[1086] Double Chooz double-detector results	Ms HELLWIG, Denise
11:30	[1410] Measurement of the hadronic cross sections with the CMD-3 and SND detectors at the VEPP-2000 collider	Dr KOROL, Aleksandr
12:00	[992] Top quark production cross-section measurements	CHEN, Ye

12:30	[1466] Critical nucleus charge in a superstrong magnetic field	GODUNOV, Sergey
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Parallel session: 3 - Room 3 (15:00 - 16:00)**-Conveners: Emilian Dudas**

time	[id] title	presenter
15:00	[1232] Modified Navier-Stokes equation for conceptual tests of pure field physics	Prof. BULYZHENKOV, Igor

Parallel session: 4 A Particle Physics Session - Room 4 (15:00 - 16:00)**-Conveners: Nikos Mavromatos**

time	[id] title	presenter
15:00	[959] Recent PHENIX results on high-pT light hadron production	FAN, Wenqing
15:30	[1574] New evidence for a flowing medium	Prof. PRUNEAU, Claude Andre

Parallel session: 6 A and C - Room 6 (15:00 - 16:00)**-Conveners: Georgios Pavlos**

time	[id] title	presenter
15:30	[1425] Quantum simulators, boson sampling, and the quest for superior quantum devices	EISERT, Jens

Tuesday, 29 August 2017

Parallel session - Room 4 (08:30 - 10:30)

-Conveners: Peter Minkowski

time	[id] title	presenter
08:30	[961] Low-energy K^0 interaction with light nuclei by the AMADEUS collaboration	DEL GRANDE, Raffaele
09:00	[1294] LEGEND: new opportunity to discover the neutrinoless double beta decay	GUSEV, Konstantin
10:00	[1129] New results from the OPERA experiment	DMITRIEVSKY, Sergey

Parallel session: 3 A Particle Physics Session - Room 3 (08:30 - 10:30)

time	[id] title	presenter
10:00	[1040] Overview of LHCf results for Cosmic Ray Studies	Dr BONECHI, Lorenzo

Parallel session - Room 4 (11:00 - 12:25)

-Conveners: Erik Adli

Parallel session - Room 3 (11:00 - 13:30)

-Conveners: Luis Gonzalez-Mestres

time	[id] title	presenter
11:00	[1494] Directional dark matter search with nuclear emulsion	Dr ASADA, Takashi
11:25	[1503] Hadronic molecules in a constituent quark model	ORTEGA, Pablo G.