

8th International Conference on New Frontiers in Physics (ICNFP 2019)

Thursday 22 August 2019

Parallel Session - Room 4 (15:00 - 16:00)

-Conveners: Nataliya Skrobova

time	[id] title	presenter
15:00	[61] Neutrino CP Violation with the European Spallation Source neutrino Super Beam project	Dr FANOURLAKIS, Georgios
15:30	[13] Targeted cancer therapy with the alpha emitter actinium-225	Dr KELLERBAUER, Alban

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

-Conveners: Mia Tosi

time	[id] title	presenter
16:30	[198] Searches for squarks and gluinos with the ATLAS detector	TODOME, Kazuki
17:00	[72] First look at CKM parameters from early Belle II data	Dr GOLDENZWEIG, Pablo
17:30	[303] Precision electroweak measurements with the ATLAS detector	BOONEKAMP, Maarten

Saturday 24 August 2019

Parallel Session - Room 4 (11:00 - 13:30)

-Conveners: Yanwen Liu

time	[id] title	presenter
11:00	[304] ATLAS results on BSM searches in the Higgs sector	WANG, Jike
11:25	[228] Search for Long-lived Particles with the ATLAS detector	LEE JR, Lawrence
11:50	[310] Measurements of the top quark mass using the ATLAS detector at the LHC	HEJBAL, Jiri
12:15	[170] ATLAS results on ttH	STELZER, Bernd STELZER, Bernd
12:40	[143] Optimising the performance of the CMS Electromagnetic Calorimeter to measure Higgs properties during Phase I and Phase II of the LHC	ZGHICHE, Amina
13:05	[140] Precision Timing with the CMS MIP Timing Detector	MINAFRA, Nicola

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

-Conveners: Konstantin Goulianos

time	[id] title	presenter
11:00	[48] Effect of Rope Hadronization in Stangeness Enhancement and Two particle correlations in p-p collisions at LHC energies.	Prof. DASH, Sadhana
11:30	[284] Non-Abelian Proca-Dirac-Higgs theory: particle-like solutions and their energy spectrum	Prof. DZHUNUSHALIEV, Vladimir
12:00	[53] Derivation of Chiral (C) and Parity (P) Violation of Weak Gauge Interaction From String Theory	Dr XIU, Rulin
12:30	[63] Space-time structure may be topological and not geometrical	CARCASSI, Gabriele
13:00	[168] Witten index in 3-dimensional gauge theories	Prof. ANDREI, Smilga

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

-Conveners: Stefania Bufalino

time	[id] title	presenter
11:00	[172] Jet quenching in expanding medium	Dr ADHYA, Souvik Priyam
11:25	[25] Measurement of ρ meson production and flow in Pb-Pb collisions with ALICE at the LHC	CATALANO, Fabio
11:50	[69] Overview of the PHENIX Spin Program	Dr KIM, Chong
12:15	[70] Probing the initial stage with direct photons	KRELINA, Michal
12:40	[294] Lambda and antilambda hyperon polarization in heavy-ion collisions within transport model	VITIUK, Oleksandr
13:05	[218] Tagged Short-Range Correlations for Medium to Heavy Ions	HAUENSTEIN, Florian

Parallel Session - Room 2 (11:00 - 13:00)

-Conveners: Georgios Fanourakis

time	[id] title	presenter
11:00	[277] Neutrinos, present and future	KISIEL, Jan Emil
11:30	[11] Neutrino physics and dark matter search with SHiP at CERN	DI CRESCENZO, Antonia
12:00	[42] Sterile neutrino searches with the Icarus detector	FALCONE, Andrea
12:30	[145] A high precision narrow-band neutrino beam: the ENUBET project	TORTI, Marta

Monday 26 August 2019

Parallel Session - Room 6 (15:00 - 16:00)

-Conveners: Drukier Andre

time	[id] title	presenter
15:00	[68] DAMA/LIBRA–phase2 results and implications on several Dark Matter scenarios	CARACCILO, Vincenzo
15:20	[99] Dark Matter searches with the DarkSide experiment	Prof. POCAR, Andrea
15:40	[163] Testing Dark Matter models and Quantum Foundations with the SABRE experiment	NUTI, Francesco

Parallel Session - Room 5 (15:00 - 16:00)

-Conveners: Javier Caravaca Rodriguez

time	[id] title	presenter
15:00	[128] SEARCH FOR EXOTIC DECAYS WITH NA62	MIRRA, Marco
15:20	[49] Experimental progress towards positronium Bose-Einstein condensation	ISHIDA, Akira
15:40	[17] Developments for pulsed antihydrogen production towards direct gravitational measurement on antimatter	Mr FANÌ, Mattia

Parallel Session - Room 5 (16:30 - 16:50)

-Conveners: Akira Ishida

time	[id] title	presenter
16:30	[120] Neutron production and exotic physics with SNO	CARAVACA RODRIGUEZ, Javier

Parallel Session - Room 6 (16:30 - 17:30)

-Conveners: Andrea Pocar

time	[id] title	presenter
16:30	[209] CALET on the International Space Station: the first three years of observations	BROGI, Paolo
16:50	[15] Directional Dark Matter Search with Nuclear Emulsion	Dr DI CRESCENZO, Antonia
17:10	[73] Dark Sector Physics with Belle II: first results and prospects	Dr KOMAROV, Ilya

Tuesday 27 August 2019

Parallel Session - Room 6 (15:00 - 15:50)

-Conveners: Rainer Mankel

time	[id] title	presenter
15:00	[281] Searches for resonances in hadronic final states with the ATLAS detector	POULSEN, Trine
15:25	[302] Higgs sector in the supersymmetric extension of the Standard Model with light sgoldstinos	Ms KRIUKOVA, Ekaterina

Parallel Session - Room 5 (15:00 - 16:00)

-Conveners: Jan Emil Kisiel

time	[id] title	presenter
15:00	[56] Coherent Meson Production in the NOMAD Experiment	KULLENBERG, Chris
15:20	[97] Neutrinoless double beta decay with nEXO	Prof. POCAR, Andrea
15:40	[40] Status of the GERDA Phase II experiment.	RUMYANTSEVA, Nadezda

Parallel Session - Room 4 (15:00 - 16:00)

-Conveners: Stefania Vecchi

time	[id] title	presenter
15:00	[57] Recent results of the hadronic cross section measurement with the CMD3 detector	Prof. FEDOTOVICH, Gennady
15:20	[95] Recent results on bottomonia and bottomonium-like particles at Belle	GARMASH, Aleksei
15:40	[29] Recent BaBar results in light hadron spectroscopy	Prof. SOLODOV, Evgeny

Parallel Session - Room 5 (16:30 - 17:30)

-Conveners: Jan Emil Kisiel

time	[id] title	presenter
16:30	[121] SNO+: recent results and prospects	CARAVACA RODRIGUEZ, Javier
16:50	[58] Solar Neutrino Physics with Borexino	Dr GHIANO, Chiara
17:10	[393] Neutrino geology	DRUKIER, Andre

Parallel Session - Room 6 (16:30 - 17:30)

-Conveners: Kerstin Hoepfner

time	[id] title	presenter
16:30	[233] ATLAS searches for di-Higgs production at 13 TeV and prospects for HL-LHC	SANO, Yuta
16:50	[293] Search for rare and lepton flavor violating decays of the Higgs boson with the ATLAS detector	MLYNARIKOVA, Michaela

17:10	[208] K^+ -nucleon/nuclei interaction studies at low-energy by AMADEUS and SIDDHARTA-2	Dr DEL GRANDE, Raffaele
-------	--	-------------------------

Parallel Session - Room 4 (16:30 - 17:30)**-Conveners: Emanuele Pace**

time	[id] title	presenter
16:30	[258] JLab measurement of the ratio of the nucleon structure functions, F_2^n / F_2^p , from electron DIS off 3H and 3He at large Bjorken x	Mr SU, Tong
16:50	[251] Measurement of the EMC effect of the 3H nucleus from the JLab MARATHON experiment	NYCZ, Michael
17:10	[250] Measurement of the EMC effect of the 3He nucleus from the JLab MARATHON experiment	HAGUE, Tyler

Wednesday 28 August 2019

Parallel Session - Room 6 (15:00 - 16:00)

-Conveners: avishy carmi

time	[id] title	presenter
15:00	[181] Entanglement in anisotropic spacetime	MANCINI, Stefano
15:30	[305] A Quantum Multiparty Packing Lemma and the Relay Channel	Dr GHARIBYAN, Hrant

Parallel Session - Room 4 (15:00 - 16:00)

-Conveners: Georgy Burde

time	[id] title	presenter
15:00	[297] Current status of wormholes in generalized Galileon theories	MIRONOV, Sergey
15:30	[298] Stability and superluminality of cosmological models in generalized Galileon theories	VOLKOVA, Victoria

Parallel Session - Room 3 (15:00 - 16:00)

-Conveners: Vitaliano Ciulli

time	[id] title	presenter
15:00	[282] DOUBLY-CHARGED BILEPTONS AT THE LHC	Prof. FRAMPTON, PAUL
15:30	[327] CMS Top Physics Highlights	SAVITSKYI, Mykola

Parallel Session - Room 5 (15:00 - 16:00)

-Conveners: Hans Theodor Josef Steiger

time	[id] title	presenter
15:00	[151] Status and results from the CUORE experiment	CAMPANI, Alice
15:20	[159] The status of the SoLid experiment	Dr VERCAEMER, Simon
15:40	[179] New results from the DANSS experiment	SKROBOVA, Nataliya

Parallel Session - Room 3 (16:30 - 17:30)

-Conveners: Francesco Guescini

time	[id] title	presenter
16:30	[35] ATLAS Muon Trigger performance	VENTURA, Andrea
16:50	[312] Measurements of $t\bar{t}$ pairs produced in association with electroweak gauge bosons using the ATLAS detector	GLAYSHER, Paul
17:10	[166] ATLAS results on quarkonia and heavy flavour production	LYUBUSHKINA, Tatiana

Parallel Session - Room 4 (16:30 - 17:30)

-Conveners: Paul Frampton

time	[id] title	presenter
------	------------	-----------

16:30	[238] New data on old black holes and other unexpected creatures	Prof. DOLGOV, Alexander
17:00	[26] Particle production in modified gravity in the early and in the present day universe	Dr ARBUZOVA, Elena

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

-Conveners: Stefano Mancini

time	[id] title	presenter
16:30	[299] Universal gate design with beamsplitters and phase shifters	MIRONOV, Sergey
17:00	[164] The Bell's theorem revisited: a subtle, though crucial, assumption has gone unnoticed, and it might not be justified!	Dr OAKNIN, David
17:30	[384] No-signaling and relativistic causality: quantum information perspective	HORODECKI, Pawel

Thursday 29 August 2019

Parallel Session - Room 3 (11:00 - 13:05)

-Conveners: **Holger Kluck**

time	[id] title	presenter
11:00	[65] The Pierre Auger Observatory: review of latest results and future perspectives	Dr MOCKLER, Daniela
11:25	[215] Cosmic ray science with scintillators and high schools	VAN DAM, Kasper
11:50	[78] Nuclei in Core-Collapse Supernovae	FURUSAWA, Shun
12:15	[77] Latest results from the DEAP-3600 dark matter search experiment	GOELDI, Damian

Parallel Session - Room 5 (11:00 - 12:40)

-Conveners: **Andrei Smilga**

time	[id] title	presenter
11:00	[46] From varying constants to the entangled cyclic multiverses	Prof. DĄBROWSKI, Mariusz P.
11:25	[55] Fractal dimension of Yang-Mills Fields	Dr MEGIAS, Eugenio
11:50	[33] Superasymptotic and hyperasymptotic approximation to the operator product expansion	Mr LOBREGAT, Xabier
12:15	[112] RENORM-model diffraction-predictions decipher puzzle in experimental results at LHC	Prof. GOULIANOS, Konstantin

Parallel Session - Room 2 (11:00 - 12:50)

-Conveners: **Tatiana Lyubushkina**

time	[id] title	presenter
11:00	[225] Searches for new phenomena in final states involving leptons and jets using the ATLAS detector	NOVAK, Tadej
11:25	[203] Searches for new phenomena in dilepton final states using the ATLAS detector	ABHAYASINGHE, Deshan Kavishka
11:50	[259] Advanced Multivariate Analysis methods for use by the experiments at the Large Hadron Collider	STAKIA, Anna
12:10	[173] Top-quark pair production cross-section measurements with the ATLAS detector	BOZSON, Adam
12:30	[177] Observation and measurements of vector-boson scattering at the ATLAS detector	PENC, Ondrej

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

-Conveners: **David Tlusty**

time	[id] title	presenter
11:00	[127] PHYSICS BEYOND SM WITH KAONS FROM NA62	GHINESCU, Stefan Alexandru
11:20	[130] LATEST RESULTS ON RARE KAON DECAYS FROM THE NA48/2 EXPERIMENT AT CERN	MOLOKANOVA, Natalia

11:40	[129] KLEVER: AN EXPERIMENT TO MEASURE $BR(KL \rightarrow \pi^0 \eta)$ AT THE CERN SPS	MIRRA, Marco
12:00	[308] Thermal production of Sexaquarks in Heavy Ion Collisions	KABANA, Sonja
12:25	[315] The concept of induced surface and curvature tensions and a unified description of the gas of hard discs and hard spheres	YAKOVENKO, Nazar
12:45	[232] Quarkonia production with the STAR experiment at RHIC	KABANA, Sonja