

3rd International Conference on New Frontiers in Physics

Thursday, 31 July 2014

Plenaries: Session 1 (08:30 - 11:00)

-Conveners: Vladimir Shevchenko

time	[id] title	presenter
08:30	[282] Quantum Universe	MUKHANOV, Slava
09:00	[283] Pre-inflationary clues from String Theory?	SAGNOTTI, Augusto
09:30	[284] Results from the AMS02 experiment on the International Space Station	INCAGLI, Marco
10:00	[285] Understanding the origin of the rising cosmic ray positron fraction after AMS	CHOLIS, Ilias
10:30	[286] Chiral liquids	ZAKHAROV, Valentin

Plenaries: Session 2 (11:20 - 13:20)

-Conveners: Wolfgang Cassing

time	[id] title	presenter
11:20	[292] CERN achievements in Relativistic Heavy Ion Collisions	BRUNO, Giuseppe
11:50	[291] The Glasma and Photons	MCLERRAN, Larry
12:20	[290] Symmetry energy: from nuclei to neutron stars	DANIELEWICZ, Pawel
12:50	[293] Heavy-Ion Physics at High Baryon Densities	FRIESE, Volker

Plenaries: Session 3 (14:40 - 16:10)

-Conveners: Voica Ana Maria Radescu

time	[id] title	presenter
14:40	[289] Optical analogues of the event horizon	KOENIG, Friedrich
15:10	[288] Quantum measurements and Landauer principle	SHEVCHENKO, Vladimir
15:40	[287] Overcoming classical measurement limits through Entanglement in Photon Number	GENOVESE, Marco

Plenaries: Session 4 (16:30 - 19:00)

-Conveners: Krzysztof Redlich

time	[id] title	presenter
16:30	[294] Dark Matter from Higgs Boson	Prof. ROSZKOWSKI, Leszek
16:55	[295] Recent results from the Tevatron	VELLIDIS, Konstantinos
17:20	[296] Result on Higgs boson from the ATLAS experiment	NIKOLAIDOU, Rosy
17:45	[297] Search for the Standard Model Higgs boson at CMS	MOHAMMADI, Abdollah
18:10	[501] Recent results on heavy flavour production at HERA	RADESCU, Voica Ana Maria

18:35	[298] Introducing HEP to schools through educational scenaria
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KOURKOUMELIS, Christine

Friday, 1 August 2014

Plenaries: Session 1 (08:30 - 11:00)

-Conveners: Alvaro De Rujula

time	[id] title	presenter
08:30	[299] Implications of the Higgs discovery	DJOUADI, Abdelhak
09:00	[300] ATLAS overview	WEIDBERG, Anthony
09:30	[301] CMS Overview	Mr SCHOEFBECK, Robert
10:00	[302] Recent LHCb results on CP violation	MARTINEZ SANTOS, Diego
10:30	[303] High Q^2 probes of the Quark-Gluon Plasma	JACOBS, Peter Martin

Plenaries: Session 2 (11:20 - 13:20)

-Conveners: Larry McLerran

time	[id] title	presenter
11:20	[335] Direct Dark Matter Searches with Noble Liquids	GALBIATI, Cristiano
11:50	[305] Long range order in QCD. Applications to heavy ions and cosmology	Prof. ZHITNITSKY, Ariel
12:20	[366] Review of solar neutrinos and searches of sterile neutrinos with radioactive sources	PALLAVICINI, Marco
12:50	[307] A No-scale Framework for Sub-Planckian Physics	NANOPOULOS, Dimitri

Plenaries: Session 3 (14:30 - 16:30)

-Conveners: Raphael Dupre

time	[id] title	presenter
14:30	[308] Proton structure and the HERAPDF2.0 parton densities	ABRAMOWICZ, Halina
15:00	[309] FIRST PRECISION MEASUREMENTS OF EM FORM FACTORS OF PIONS, KAONS, PROTONS, AND HYPERONS, AND EVIDENCE FOR DIQUARK CORRELATIONS	SETH, kamal
15:30	[310] Studying perturbative and non-perturbative QCD in proton-lead collisions at the LHC	COLE, Brian
16:00	[311] Physics of Hot and Cold Nuclear Matter Effects in p-Pb Collisions at the LHC	KAMIN, Jason Adrian

Saturday, 2 August 2014

Plenaries: Session 1 (08:30 - 10:50)

-Conveners: Alexander Dolgov

time	[id] title	presenter
08:30	[312] Inflation from Broken Scale Invariance	TERNING, John
09:00	[313] BICEP2, spinorial space-time, pre-Big Bang	Dr GONZALEZ-MESTRES, Luis
09:30	[314] Gravitino Condensates in Early Universe and Inflation	Prof. MAVROMATOS, Nikos
10:00	[315] DAMA/LIBRA-phase1 results and perspectives of the phase2	Dr BELLI, Pierluigi
10:25	[316] Highlights from IceCube	MONTARULI, Teresa

Plenaries: Session 2 (11:10 - 13:30)

-Conveners: Jan Rak

time	[id] title	presenter
11:10	[317] Survival of a charmonium propagating through a hot matter	KOPELIOVICH, Boris
11:35	[318] STAR highlight talk on Heavy Ion Physics	SHI, Shusu
12:00	[319] Recent Highlights from the PHENIX Heavy Ion Program	Prof. HILL, John
12:25	[320] Studies on nucleon spin at PHENIX	Prof. TANIDA, Kiyoshi
12:45	[321] STAR highlight talk on Spin Physics	GIBSON, Adam
13:05	[322] Axial magnetic effect in QCD	Dr CHERNODUB, Maxim

Plenaries: Plenaries 3 (14:40 - 15:30)

-Conveners: Christoph Blume

time	[id] title	presenter
14:40	[323] Hadron production and Upsilon suppression at the LHC	WOLSCHIN, Georg
15:05	[383] Hadron Spectroscopy at LHCb	KREPS, Michal

Monday, 4 August 2014

Plenaries: Session 1 (08:30 - 11:00)

-Conveners: Johanna Stachel

time	[id] title	presenter
08:30	[327] Review of Thermal Models in HI Collisions	CLEYMANS, Jean
09:00	[328] Interplay between deconfinement and Chiral phase transition in QCD	Prof. REDLICH, Krzysztof
09:30	[329] Strange and identified particle production measured measured with ALICE at the LHC	ELIA, Domenico
10:00	[330] Applications of dissipative and anisotropic hydrodynamics in description of early stages of relativistic heavy-ion collisions	FLORKOWSKI, Wojciech
10:30	[331] HYDJET++ Ultrarelativistic heavy ion collisions - a hot cocktail of hydrodynamics, resonances and jets	ZABRODIN, Evgeny

Plenaries: Session 2 (11:20 - 13:20)

-Conveners: John Terning

time	[id] title	presenter
11:20	[332] Advanced Virgo and the international network of laser interferometer gravitational wave detectors	ROLLAND, Loic
11:50	[333] Higgs-Driven Cyclic Cosmology in Conformally Invariant SM+GR	BARS, Itzhak
12:20	[334] Avenues of cognition of nongravitational local gauge field theories	MINKOWSKI, Peter
12:50	[357] Muon Colliders and Neutrino Factories	KAPLAN, Daniel

Plenaries: Session 3 (14:30 - 16:00)

-Conveners: Valentin Zakharov

time	[id] title	presenter
14:30	[336] Quantum Theory, namely where information meets physics	CHIRIBELLA, Giulio
15:00	[337] Quantum Information and Logic	AULETTA, Gennaro
15:30	[368] Sequestering the Standard Model Vacuum Energy	KALOPER, Nemanja

Plenaries: Session 4 (16:30 - 19:20)

-Conveners: Peter Braun-Munzinger

time	[id] title	presenter
16:30	[339] High-p_T probes of excited nuclear medium in the LHC era	Prof. RAK, Jan
17:00	[340] Future of the Beam Energy Scan Program	ODYNIEC, Grazyna
17:30	[341] The Physics at FAIR	STOEHLKER, Thomas
18:00	[342] Experimental techniques in hadron spectroscopy	GIANOTTI, Paola
18:30	[344] Recent LHCb results on rare decays	EASO, Sajan
18:55	[324] Quantum thermometer of the quark gluon plasma	Prof. GOSSIAUX, Pol Bernard

Tuesday, 5 August 2014

Plenaries: Session 1 (15:00 - 16:20)

-Conveners: **m Koratzinos**

time	[id] title	presenter
15:00	[364] LHCb upgrade and trigger challenges	VAN HERWIJNEN, Eric
15:25	[363] CMS upgrades and future plans	HOEPFNER, Kerstin
15:50	[358] The MoEDAL Experiment - a New Light on LHC Physics	PINFOLD, James

Wednesday, 6 August 2014

Plenaries: Session 1 (08:30 - 11:00)

-Conveners: Felicitas Pauss

time	[id] title	presenter
08:30	[356] CLIC overview, Accelerator Issues	LATINA, Andrea
08:50	[579] Overview of CLIC	LEVY, Aharon
09:20	[362] ATLAS Upgrades for the next Decades	ALEXOPOULOS, Theodoros
09:45	[343] Rare and forbidden kaon decays at NA62	PEPE, Monica
10:10	[430] Recent Oscillation Results from T2K	KABOTH, Asher
10:35	[489] Observation of $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations in the CNGS beam with the OPERA experiment	DE SERIO, Marilisa

Plenaries: Session 2 (16:15 - 17:15)

-Conveners: Rohini Madhusudan Godbole

time	[id] title	presenter
16:15	[360] The Strong CP-Problem: Axions dark matter and pEDM experiments	SEMERTZIDIS, Yannis
16:45	[361] Entanglement and the Arrow of Time	SHORT, Tony

Plenaries: Session 3 (17:35 - 19:30)

-Conveners: Pawel Danielewicz

time	[id] title	presenter
17:35	[359] Cosmic antimatter	DOLGOV, Alexander
18:05	[369] CP violation in the Higgs Sector at the LHC	GODBOLE, Rohini Madhusudan
18:35	[370] Closing of conference	