

3rd International Conference on New Frontiers in Physics

Monday 28 July 2014 - Wednesday 06 August 2014

Programme

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Monday 28 July 2014

Opening Session (08:30-08:45)

FAIR Workshop - (08:45-10:45)

- Conveners: Sturm, Christian

time	[id] title	presenter
08:45	[243] Status of the FAIR Project	KESTER, Oliver
09:15	[244] HESR@FAIR: The High-Energy Storage Ring (HESR)	PRASUHN, Dieter
09:45	[245] Status of the Day-1 experiment at HESR	Dr. HUAGEN, XU
10:15	[246] Proton electromagnetic form factors: present status and future perspectives at PANDA	TOMASI-GUSTAFSSON, Egle

FAIR Workshop (11:15-13:15)

- Conveners: Prof. Kuehn, Wolfgang

time	[id] title	presenter
11:15	[247] Chiral extrapolation of baryon masses	Prof. LUTZ, Matthias
11:45	[248] Experimental Studies of kaonic atoms – precise investigation of the strong interaction with strangeness at low energies	Dr. MARTON, Johann
12:15	[249] Hypernuclear Physics studies of the PANDA experiment at FAIR	SANCHEZ LORENTE, Alicia
12:45	[250] Bound states in relativistic motion	HOYER, Paul

FAIR Workshop - (14:30-15:30)

- Conveners: Kester, Oliver

time	[id] title	presenter
14:30	[251] BIOMAT - Facility for Biophysics and Material Science at FAIR	PLESKAC, Radek
15:00	[252] Dense hadronic matter in neutron stars	PAGLIARA, Giuseppe

FAIR Workshop: Student Lectures - (16:00-18:15)

- Conveners: Prasuhn, Dieter

time	[id] title	presenter
16:00	[253] Lecture on Accelerators	KESTER, Oliver
16:45	[254] Compressed Baryonic Matter	STURM, Christian
17:30	[255] Atomic physics in extreme fields at FAIR	Dr. GUMBERIDZE, Alexandre

talk on History of Crete in the restaurant of OAC (21:30-22:30)

- Presenters: Ms. LARENTZAKIS, Emanuela

Tuesday 29 July 2014

FAIR workshop - (08:30-11:00)

- **Conveners: Gianotti, Paola**

time	[id] title	presenter
08:30	[256] Large scale shell model studies of the tin isotopes	OSNES, Eivind
09:00	[257] The experiment PANDA : physics with antiprotons at FAIR	BOCA, Gianluigi
09:30	[258] Overview of Exotic hadrons at Belle	CHOI, Sookyung
10:00	[259] BESIII Highlights	Prof. KUEHN, Wolfgang
10:30	[554] Search for exotic at BaBar	PRENCIPE, Elisabetta

FAIR workshop (11:30-13:30)

- **Conveners: Kopeliovich, Boris**

time	[id] title	presenter
11:30	[261] Parton/hadron dynamics in heavy-ion collision at FAIR energies	CASSING, Wolfgang
12:00	[262] Effective equation of state of hot and dense matter in nuclear collisions around FAIR energy	BRAVINA, Larisa
12:30	[263] Status of the CBM experiment	Dr. HEUSER, Johann
13:00	[264] Scientific and High-Performance Computing at FAIR	Dr. KISEL, Ivan

FAIR workshop (14:45-16:15)

- **Conveners: Friese, Volker**

time	[id] title	presenter
14:45	[265] Status of the NICA Project at JINR	SORIN, Alexander
15:15	[266] Overview of results from phase I of the Beam Energy Scan Program at RHIC	MCDONALD, Daniel
15:45	[267] Recent results and plans of NA61/SHINE	GAZDZICKI, Marek

FAIR workshop (16:45-19:15)

- **Conveners: Prencipe, Elisabetta**

time	[id] title	presenter
16:45	[268] HADES experiment probing baryonic matter at SIS18 and future FAIR: challenges and opportunities	SALABURA, Piotr
17:15	[269] Electromagnetic probes of QGP	BRATKOVSAYA, Elena
17:45	[270] Dimuon Production In PbPb Collisions at 20-160 AGeV at the CERN SPS: Mapping the QCD Phase Diagram in the Transition Region	USAI, Gianluca
18:15	[260] QCD in dense matter: Prospects for and beyond NJL-kind effective models	KLAEHN, Thomas
18:45	[561] NUSTAR	AUMANN, Thomas

Wednesday 30 July 2014

Lectures (08:30-10:45)

- Conveners: Gascon-Shotkin, Susan Shotkin

time	[id] title	presenter
08:30	[271] Quarkonia as a probe of QCD matter: from LHC to FAIR	BLUME, Christoph
09:15	[272] The smallest possible thermal machines and the foundations of thermodynamics	POPESCU, Sandu
10:00	[273] Direct Dark Matter Searches Review	GASCON, Jules

Lectures (11:05-13:20)

- Conveners: Chiribella, Giulio

time	[id] title	presenter
11:05	[274] Testing General Relativity with Atomic Clocks	BONDARESCU, Ruxandra
11:50	[275] Extraordinary claims: the 0.000027% solution	DORIGO, Tommaso
12:35	[276] Future Prospects for Brout-Englert-Higgs bosons	GASCON-SHOTKIN, Susan Shotkin

Lectures (14:40-16:10)

- Conveners: Gazdzicki, Marek

time	[id] title	presenter
14:40	[277] On the existence of a superlight scalar boson	VAN BEVEREN, Eef
15:25	[381] High Density Matter in Neutrons Stars and Core-Collapse Supernovae - current status and future challenges	STONE, Jirina

Lectures (16:30-17:45)

- Conveners: Hoyer, Paul

time	[id] title	presenter
16:30	[278] Holographic Glueball Decay	Prof. REBHAN, Anton
17:15	[279] Engaging Young People with Our Science	BARDEEN, Marjorie

Public talk (21:00-21:45)

- Presenters: DE RUJULA, Alvaro

Thursday 31 July 2014

Welcome (08:15-08:30)

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

- **Conveners: Shevchenko, Vladimir**

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: Cassing, Wolfgang**

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: Radescu, Voica Ana Maria**

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: Redlich, Krzysztof**

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	KOURKOUMELIS, Christine

Friday 01 August 2014

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

- Conveners: De Rujula, Alvaro

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: McLerran, Larry

time	[id] title	presenter
11:20	[304] Holographic QCD in The Veneziano limit at finite temperature and density	Prof. KIRITSIS, Elias
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: Dupre, Raphael

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

Parallel 1 - (16:40-18:45)

- Conveners: Djouadi, Abdelhak

time	[id] title	presenter
16:40	[374] Quantum Steering in the Gaussian World	KOGIAS, Ioannis
17:00	[379] Electroweak Measurements from ATLAS	BENEKOS, Nectarios
17:35	[376] Prospects of Higgs and SM measurements at the HL-LHC	SAVIN, Alexander
17:55	[377] The Physics Case for the MoEDAL Experiment at LHC	Dr. MITSOU, Vasiliki
18:15	[378] Diffraction at HERA	ADAMCZYK, Leszek

Parallel 2 - (16:40-18:45)

- Conveners: Lutz, Matthias

time	[id] title	presenter
16:40	[380] Fragmentation Of Carbon Ions At Intermediate Energies: Comparison With The Models Of Ion-ion Interactions	KRUTENKOVA, Anna
17:00	[382] Hadron Physics at the COMPASS Experiment	KRINNER, Fabian Michael
17:20	[385] Search for Charmonium(-like) (Exotic) States at PANDA	GALUSKA, Martin Johannes
17:40	[396] Rare B decays and processes with the ATLAS detector	LEONTSINIS, Stefanos

Parallel 3 - (16:40-18:45)**- Conveners: Weidberg, Anthony**

time	[id] title	presenter
16:40	[397] Summary of results on Standard Model from ATLAS	HASSANI, Samira
17:05	[387] Inclusive searches for squarks and gluinos with the ATLAS detector	RAMMENSEE, Michael Christian
17:25	[389] Searches for electroweak production of supersymmetric gauginos and sleptons with the ATLAS detector	SANTOYO CASTILLO, Itzabelt
17:45	[391] Searches for vector-like quarks, tt and tb resonances with the ATLAS detector	ISTIN, Serhat
18:05	[388] Search for an "edge" with CMS	THEOFILATOS, Konstantinos

Parallel 4 (16:40-18:45)**- Conveners: Mr. Schoefbeck, Robert**

time	[id] title	presenter
16:40	[398] Measurement of the Higgs boson mass with the ATLAS detector	GARAY WALLS, Francisca
17:00	[513] Single and diboson production at CMS	TAKAHASHI, Maiko
17:20	[399] Measurement of Properties of the Higgs boson in bosonic decay channels using the ATLAS detector	NIKOLOPOULOS, Konstantinos
17:40	[400] Search for the Higgs boson in fermionic channels using the ATLAS detector	HAGEBOECK, Stephan
18:00	[401] Search for Higgs Bosons produced in association with top quarks with the ATLAS detector	BASYE, Austin Thomas

Public talk (21:00-21:45)**- Presenters: NANOPOULOS, Dimitri**

Saturday 02 August 2014

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

- **Conveners: Dolgov, Alexander**

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, Nikolaos
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: Rak, Jan**

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: Blume, Christoph**

time	[id] title	presenter
14:40	[323] Hadron production and Upsilon suppression at the LHC	WOLSCHIN, Georg
15:05	[324] Quantum thermometer of the quark gluon plasma	Prof. GOSSIAUX, Pol Bernard

Parallel 1 - (15:50-17:10)

- **Conveners: Dobrigkeit Chinellato, Carola**

time	[id] title	presenter
15:50	[402] The Dark Energy Survey (DES): A New Tool for Cosmology	TARLE, Gregory
16:10	[403] The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station	Dr. RICCIARINI, Sergio Bruno
16:30	[404] Neutrino Physics in the IceCube Subdetector, DeepCore	DAY, Melanie
16:50	[405] Study of the diffuse emissions with the H.E.S.S. experiment	GARRIGOUX, Tania

Parallel 2 - (15:50-17:10)

- **Conveners: Dr. Chernodub, Maxim**

time	[id] title	presenter
15:50	[410] Identification of hadronic tau decays in CMS	VENDITTI, Rosamaria

16:10	[411] Measurements of parity violation in electron scattering: First results from Qweak	PASCHKE, Kent
16:30	[412] The New Spin Physics Program of the COMPASS Experiment	SILVA, Luis
16:50	[413] Hard exclusive reactions and generalized parton distributions	HAYRAPETYAN, Avik

Parallel 3 - (15:50-17:10)

- **Conveners: Prof. Mavromatos, Nikolaos**

time	[id] title	presenter
15:50	[414] Higgs boson searches BSM	Dr. TSUKERMAN, Ilya
16:10	[415] Search for Higgs Bosons Beyond the Standard Model (CMS)	MANDEL, Rainer
16:30	[416] Higgs in Bosonic channel (CMS)	GORI, Valentina
16:50	[417] Constraints on new phenomena through Higgs coupling measurements with the ATLAS detector	TORRES DAVILA, Heberth Jesus

Parallel 4 - (15:50-17:10)

- **Conveners: Odyniec, Grazyna**

time	[id] title	presenter
15:50	[418] Quarkonia at STAR, Barbara Trzeciak for the STAR Collaboration	Dr. TRZECIAK, Barbara
16:10	[419] Probing Properties of Hot and Dense QCD Matter with Heavy Flavor at PHENIX	NOUICER, Rachid
16:30	[420] Measurements of D-meson production in pp, p-Pb and Pb-Pb collisions at the LHC with ALICE	DE CARO, Annalisa
16:50	[421] Measurements of heavy-flavour decay leptons with ALICE	SAKAI, Shingo

Parallel 1 (17:30-20:00)

- **Conveners: Dr. Belli, Pierluigi**

time	[id] title	presenter
17:30	[422] Time-Dependent Dynamics of Fermionic Superfluids: from cold atomic gases, to nuclei and neutron stars	BULGAC, Aurel
17:55	[423] PICASSO, COUPP and PICO - Search for Dark Matter with Bubble Chambers	FILGAS, Robert
18:15	[424] The CUORE and CUORE-0 Experiments at Gran Sasso	GIACHERO, Andrea
18:35	[425] High Energy Neutrino Astronomy in the Deep Mediterranean Sea	RAPIDIS, Petros Afentoulis
18:55	[426] Results on neutrinoless double beta decay of ^{76}Ge from the GERDA experiment	PALIOSELITIS, Dimitris
19:15	[427] Exploring cosmic rays at the highest-energy frontier with the Pierre Auger Observatory	DOBRIGKEIT CHINELLATO, Carola
19:35	[555] XENON100 overview	FERELLA, Alfredo Davide

Parallel 2 (17:30-20:00)

- **Conveners: Kaplan, Daniel**

time	[id] title	presenter
17:30	[428] Recent Results from Daya Bay experiment	NAUMOV, Dmitri

17:50	[429] EGADS approaching GADZOOKS!	MARTI MAGRO, Lluís
18:10	[431] Highlights from Super-Kamiokande	MORIYAMA, Shigetaka
18:30	[406] Overview of the T2K Experiment	TERRI, Ryan Vincent
18:50	[407] Neutrino-nucleus cross section measurements at MINERvA	BRAVAR, Sandro
19:10	[408] $\nu_{\mu} \rightarrow \nu_e$ oscillation search in OPERA data	TIOUKOV, Valeri
19:30	[409] Results from T2K on-axis near detectors	QUILAIN, Benjamin

Parallel 3 (17:30-20:00)

- **Conveners: Jacobs, Peter Martin**

time	[id] title	presenter
17:30	[432] Searches for Supersymmetry with the CMS detector	GARCIA-BELLIDO, Aran
17:55	[433] Searches for direct pair production of third generation squarks with the ATLAS detector	PAGACOVA, Martina
18:15	[434] Search for heavy resonances with the ATLAS detector	SCHUH, Natascha
18:35	[435] Exotica CMS	HINZMANN, Andreas
19:00	[437] Searches for new Physics in events with multiple leptons with the ATLAS detector	WIJK-FUCHS, Liv
19:20	[465] ATLAS physics prospects at the high-luminosity LHC	ILIC, Nikolina

Parallel 4 (17:30-20:00)

- **Conveners: Marton, Johann**

time	[id] title	presenter
17:30	[439] Nuclear pairing from microscopic forces: singlet channels and higher-partial waves	FINELLI, Paolo
17:50	[440] Nuclear Enthalpies	ROZYNEK, Jacek
18:10	[446] Phenomenology of a pseudoscalar glueball and charmed mesons in the extended linear sigma model	ESHRAIM, Walaa
18:30	[447] Light (Hyper-) Nuclei production at the LHC measured with ALICE	BARILE, Francesco
18:50	[438] Hadronization in cold nuclear matter	DUPRE, Raphael
19:15	[443] Pion-kaon femtoscopy in Au+Au collisions at STAR	Ms. PONIATOWSKA, Katarzyna

Poster Session (20:00-21:00)

Sunday 03 August 2014

Quantum Signalling in Biological Systems; Orlando project (21:15-21:45)

- Presenters: MAYBUROV, Sergey

Monday 04 August 2014

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

- Conveners: Stachel, Johanna

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 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: Minkowski, Peter

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	[335] Direct Dark Matter Searches with Noble Liquids	GALBIATI, Cristiano

Plenaries: Session 3 (14:30-16:10)

- Conveners: Zakharov, Valentin

time	[id] title	presenter
14:30	[336] Quantum Theory, namely where information meets physics	CHIRIBELLA, Giulio
14:55	[337] Quantum Information and Logic	AULETTA, Gennaro
15:20	[338] TBA	TBA
15:45	[368] Sequestering the Standard Model Vacuum Energy	KALOPER, Nemanja

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

- Conveners: Braun-Munzinger, Peter

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	[383] Hadron Spectroscopy at LHCb	KREPS, Michal
18:55	[344] Recent LHCb results on rare decays	EASO, Sajan

Tuesday 05 August 2014

Special Session for CERN's 60th anniversary (08:15-11:00)

- Conveners: Dr. Schmeling, Sascha

time	[id] title	presenter
08:15	[346] Introduction	Dr. SCHMELING, Sascha
08:30	[347] CERN	ANTONIADIS, Ignatios
09:00	[348] CERN accelerators in past and future	EVANS, Lyn
09:30	[349] CERN: from the origin to the LHC: an overview	TREILLE, Daniel
10:00	[350] The LHC: challenges on the way to the Higgs discovery	PAUSS, Felicitas
10:30	[351] The November revolution and thereabouts, or how the Standard Model came to be	DE RUJULA, Alvaro

Special Session for CERN's 60th anniversary (11:30-13:30)

- Conveners: Dr. Schmeling, Sascha

time	[id] title	presenter
11:30	[352] Ultra-relativistic nuclear collisions, the Quark Gluon Plasma and QCD	BRAUN-MUNZINGER, Peter
12:00	[353] Future prospects and opportunities for ultra-relativistic nuclear collision research: follow-up of the recent Quark Matter 2014 conference.	STACHEL, Johanna
12:30	[354] CERN: the next 60 years (the FCC study)	KORATZINOS, Michail
13:00	[355] Report from ECFA	WULZ, Claudia

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

- Conveners: Koratzinos, m

time	[id] title	presenter
15:00	[356] Overview of physics potential at CLIC	LEVY, Aharon
15:30	[357] Muon Colliders and Neutrino Factories	KAPLAN, Daniel
16:00	[358] The MoEDAL Experiment - a New Light on LHC Physics	PINFOLD, James

Parallel 1 - (16:50-19:15)

- Conveners: Mankel, Rainer

time	[id] title	presenter
16:50	[448] The Higgs portal and cosmology	LEBEDEV, Oleg
17:10	[449] LHC signals of the $SO(5) \times U(1)$ gauge-Higgs unification	SHIMOTANI, Takuya
17:30	[450] Composite Higgs boson from vector-like Technicolor	PASECHNIK, Roman
17:50	[452] Realization of the lepton flavor structure from point interactions	FUJIMOTO, Yukihiro
18:10	[453] Zero time tunneling, virtual particles	NIMTZ, Guenter
18:30	[562] An Experiment for the Potential Direct Detection of Dark Energy	COLEMAN, Jon
18:50	[550]

Parallel 2 - (16:50-19:15)

- Conveners: Zhitnitsky, Ariel

time	[id] title	presenter
16:50	[455] Analytic continuation as a bridge between continuum and bound states	BLOKHINTSEV, Leonid
17:10	[456] Magnetic catalysis effect in the (2+1)-dimensional Gross-Neveu model with Zeeman interaction	ZHOKHOV, Roman KLIMENKO, Konstantin
17:30	[457] Renormalization group approach to calculations in n-particle irreducible field theories	CARRINGTON, Margaret
17:50	[458] Vector and axial mesons in strong abelian magnetic field in SU(3) lattice gauge theory	LUSCHEVSKAYA, Elena
18:10	[551] ...	

Parallel 3 - (16:50-19:15)**- Conveners: Auletta, Gennaro**

time	[id] title	presenter
16:50	[459] Multipartite Nonlocality	OH, Choo Hiap
17:10	[460] Quantum Optics in the Vacuum	Dr. HOMMA, Kensuke
17:30	[461] Influence of the measurement(s) on the decay law	GIACOSA, Francesco
17:50	[462] Phase space dynamics and control of the quantum particles associated to hypergraph states	BEREC, Vesna
18:10	[463] The potential of continuous, local atomic clock measurements for earthquake prediction and volcanology	BONDARESCU, Mihai
18:30	[552] ...	

Parallel 4 (16:50-19:15)**- Conveners: De Caro, Annalisa**

time	[id] title	presenter
16:50	[365] On the onset of the ridge structures and the geometrical scaling	PAJARES VALES, Carlos
17:15	[519] Influence of the conservation laws on the angular correlations	ZABOROWSKA, Anna
17:35	[444] Extracting baryon-antibaryon strong interaction potentials from proton-antilambda femtosopic correlation function	SZYMANSKI, Maciej Pawel
17:55	[530] Test of method of extracting strong interaction parameters from femtosopic correlation functions	NIEDZIELA, Jeremi
18:15	[441] Identified charged hadron production in pp, p-Pb and Pb-Pb collisions at LHC energies with ALIC	VOLPE, Giacomo
18:35	[479] Direct photons measurements with PHENIX experiment at RHIC	RAVINOVICH, Ilia

Parallel 5 - (16:50-19:15)**- Conveners: Evans, Lyn**

time	[id] title	presenter
16:50	[469] CERN ELENA project progress report	BUTIN, Francois
17:10	[471] FCC-hh	VLACHOS, Sotiris
17:30	[472] PHENIX upgrade	MANNEL, Eric

17:50	[473] The Heavy Flavor Tracker and its performance in STAR at RHIC	MARGETIS, Spyridon
18:10	[474] MuSun Experiment: Measuring the Rate of Muon Capture on Deuteron	LUO, Xiao
18:30	[490] CMS detector performance	Prof. PARASHAR, Neeti
18:55	[500] Measurements of inclusive vector boson production from ATLAS	KARNEVSKIY, Mikhail

Open Amphitheater Concert (20:00-23:30)

Wednesday 06 August 2014

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

- Conveners: Pauss, Felicitas

time	[id] title	presenter
08:30	[364] LHCb upgrade and trigger challenges	VAN HERWIJNEN, Eric
08:55	[363] CMS upgrades and future plans	HOEPFNER, Kerstin
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

Parallel 1 (11:20-13:20)

- Conveners: Van Herwijnen, Eric

time	[id] title	presenter
11:20	[475] Measurements of the jet and vector boson in association with jets production, extraction of α_s and PDF constrains at CMS	D'IMPERIO, Giulia
11:40	[477] Forward physics at LHC for cosmic ray studies with the LHCf experiment	BONECHI, Lorenzo
12:00	[527] Summary of results on exotic searches from ATLAS	TAM, Jason
12:25	[526] ATLAS detector performance	CAFORIO, Davide
12:50	[556] CLIC overview and accelerator issues	Dr. LATINA, Andrea

Parallel 2 (11:20-13:20)

- Conveners: Prof. MARGETIS, Spyridon

time	[id] title	presenter
11:20	[480] Open Heavy Flavor Measurements at STAR	TLUSTY, David
11:40	[557] Heavy flavor (TBC)	
12:00	[483] Hadronic resonance production measured by ALICE in collisions at the LHC energies	BADALA, Angela
12:20	[445] Influence of resonance decay on triangular flow in relativistic heavy-ion collisions	CRKOVSKA, Jana
12:40	[482] Scaling of particle production in pA collisions and centrality determination in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with ALICE	OPPEDISANO, Chiara
13:00	[481] Future Experiments with HADES at FAIR	TLUSTY, Pavel

Parallel 3 (11:20-13:20)

- Conveners: Rapidis, Petros Afentoulis

time	[id] title	presenter
11:20	[484] The LAGUNA/LBNO neutrino observatory in Europe	SACCO, Roberto
11:40	[485] 'Cross Section Results from T2K	RAYNAR, Mark
12:00	[486] Results from MINOS/MINOS+	PAWLOSKI, Gregory

12:20	[487] Results from ND280 Near Detectors in T2K Experiment	ZALIPSKA, Joanna
12:40	[488] Search for charmed hadrons in the OPERA experiment	PASTORE, Alessandra

Parallel 4 (11:20-13:20)

- Conveners: Mannel, Eric

time	[id] title	presenter
11:20	[492] Exclusive Meson Production at HERMES	HAYRAPETYAN, Avik
11:40	[560] Light meson decays at BESIII	LYU, Xiao-Rui
12:00	[549] HERAFitter - open source QCD Fit framework and its related studies	PIRUMOV, Hayk
12:25	[491] Combination of the Higgs Boson Main Properties Measurements using the ATLAS Detector	RADOS, Petar Kevin
12:50	[514] Higgs in Fermionic channel (CMS)	BELUFFI, Camille

Parallel 5 (11:20-13:20)

- Conveners: Alexopoulos, Theodoros

time	[id] title	presenter
11:20	[495] ATLAS jet and missing ET reconstruction, calibration, and performance	CRISPIN ORTUZAR, Mireia
11:40	[496] Calibration of electrons and photons with the ATLAS detector, and its impact on ATLAS precision measurements	BECOT, Cyril Pascal
12:00	[497] Reconstruction and identification of electrons and photons with the ATLAS detector	HENGLER, Chris
12:20	[499] Measurements of vector boson plus jets from ATLAS	NINOMIYA, Yoichi

Parallel 1 (14:30-15:55)

- Conveners: Hoepfner, Kerstin

time	[id] title	presenter
14:30	[502] Perspectives on Open Charm Physics with the PANDA experiment	PRENCIPE, Elisabetta
14:50	[503] Overview of Flavor Physics Results at Belle	YUSA, Yosuke
15:10	[504] Low-energy Kaon-nucleon/nuclei interaction studies at DAΦNE by AMADEUS	TUCAKOVIC, Ivana

Parallel 2 (14:30-15:55)

- Conveners: Bonechi, Lorenzo

time	[id] title	presenter
14:30	[506] Measurements of top quark properties with the ATLAS detector	UNVERDORBEN, Christopher
14:55	[507] Top Physics (CMS)	TOSI, Silvano
15:20	[518] B Physics and Quarkonia at CMS	WULZ, Claudia

Parallel 3 (14:30-15:55)

- Conveners: Pirumov, Hayk

time	[id] title	presenter
14:30	[367] Jet production and measurements of α_s at HERA	BRITZGER, Daniel

14:55	[509] Role of magnetic interactions in neutrino emissivity and kick velocity of neutron stars	ADHYA, Souvik Priyam
15:15	[510] Spectra and decay rates of \bar{b} meson using Gaussian wave function	RAI, AJAYKUMAR

Parallel 4 (14:30-15:55)

- **Conveners: De Serio, Marilisa**

time	[id] title	presenter
14:30	[515] AEgIS experiment	Prof. NEDELEC, Patrick
14:50	[517] MiniBooNE collaboration	KARAGIORGI, Georgia
15:10	[511] Searches for dark matter and extra dimensions with the ATLAS detector	KRUSKAL, Michael Evans
15:35	[559] Bps multicenter black holes: mass formulas in $N=2$ supergravity	TORRENTE LUJAN, Emilio

Plenaries: Session 2 (16:15-17:45)

- **Conveners: Godbole, Rohini Madhusudan**

time	[id] title	presenter
16:15	[542] WIMP Dark Matter at colliders from 14 to 100 TeV	BATTAGLIA, Marco
16:45	[360] The Strong CP-Problem: Axions dark matter and pEDM experiments	SEMERTZIDIS, Yannis
17:15	[361] Entanglement and the Arrow of Time	SHORT, Tony

Plenaries: Session 3 (18:05-20:00)

- **Conveners: Danielewicz, Pawel**

time	[id] title	presenter
18:05	[359] Cosmic antimatter	DOLGOV, Alexander
18:35	[369] CP violation in the Higgs Sector at the LHC	GODBOLE, Rohini Madhusudan
19:05	[370] Closing of conference	