

QCHS IX

Monday 30 August 2010 - Friday 03 September 2010

Universidad Complutense de Madrid
Programme

Monday 30 August 2010

Conference opening and dedication - Auditorium (30 August 08:45-09:00)

Plenary 1 (30 August 09:00-10:00)

- Conveners: Prof. Ecker, Gerhard

time	[id] title	presenter
09:00	[285] Factorization Structure of Gauge Theory Amplitudes and Application to High Energy Scattering at the LHC	Prof. MANOHAR, Aneesh
09:30	[279] Dispersive analysis of $\eta \rightarrow 3\pi$ decay	Prof. COLANGELO, Gilberto

Plenary 2 (30 August 10:30-12:30)

- Conveners: Prof. Oset, Eulogio

time	[id] title	presenter
10:30	[293] Nuclear Physics from QCD : The Anticipated Impact of Exa-scale Computing.	SAVAGE, Martin
11:00	[269] Toward nuclei with lattice QCD	Prof. BEANE, Silas
11:30	[289] Continuous and Discrete Effective Nuclear Physics	Prof. MEIßNER, Ulf-G.
12:00	[286] A chiral effective field theory for nuclear matter	Dr. OLLER, Jose Antonio

Lunch - Physics cafeteria (12:30-14:00)

Parallel I: B1 Light Quarks - Auditorium (30 August 14:00-16:05)

- Conveners: Dr. Pena, Carlos

time	[id] title	presenter
14:00	[76] QCD bound states beyond rainbow ladder	Prof. FISCHER, Christian
14:25	[190] Consistent analysis of the masses and decays of the $[70, 1^-]$ baryons in the $1/N_c$ expansion	Prof. SCOCCOLA, Norberto
14:50	[234] An exponentially improved technique to compute the glueball spectrum on the lattice	Dr. DELLA MORTE, Michele
15:15	[238] Excited State Baryon Spectroscopy from Lattice QCD	Dr. EDWARDS, Robert
15:40	[181] Determining $\alpha_s(m_Z)$: New Precision Results from Jets	Prof. STEWART, Iain

Parallel II: A1 Vacuum structure and confinement - Room 14 (30 August 14:00-16:00)

- Conveners: Dr. Olejnik, Stefan

time	[id] title	presenter
14:00	[88] Two-component liquid model for quark-gluon plasma	Prof. ZAKHAROV, Valentin
14:25	[239] The Hamiltonian Approach to Yang-Mills (2+1): An Expansion Scheme, String Tension, etc.	Prof. NAIR, V. Parameswaran
14:50	[62] Gauge Invariant Mass And Four Dimensional Yang-Mills Theory	Prof. NIEMI, Antti

15:15	[95] Yang-Mills streamlines and semi-classical confinement	LANGFELD, Kurt
15:35	[250] Chiral Magnetic Effect and the QCD Phase Transitions	Prof. FUKUSHIMA, Kenji

Parallel III: D1 Deconfinement - Room 13 (30 August 14:00-16:05)

- Conveners: Prof. Hippolyte, Boris

time	[id] title	presenter
14:00	[261] Hard scattering phenomena from RHIC to LHC	Dr. RAK, Jan Rak
14:25	[254] First results from two particle azimuthal correlations at Alice	Dr. KRIZEK, Filip
14:45	[56] Anomalous soft photons associated with hadron production in string fragmentation	Dr. WONG, Cheuk-Yin
15:05	[247] Abnormal dilepton yield from local parity breaking in dense/hot nuclear matter	Prof. ESPRIU, Domenec
15:25	[127] Isospin breaking and chiral symmetry restoration	Mr. T. ANDRES, Ricardo
15:45	[90] Anisotropic medium effect on quarkonium	Dr. MALEKZADEH, Hossein

Parallel IV: E1 QCD and New Physics - Room 12 (30 August 14:00-15:00)

- Conveners: Prof. Szczepaniak, Adam

time	[id] title	presenter
14:00	[79] Domain Wall Fermion Lattice Simulation in Quaternion Basis	Prof. FURUI, Sadataka
14:20	[149] The running of the Schroedinger Functional coupling from four-flavour lattice QCD with staggered quarks	Dr. SINT, Stefan
14:40	[277] Hadronic contribution to the muon g-2 from a Dyson-Schwinger perspective	Mr. GOECKE, Tobias

Parallel IV: F1 Nuclear and Astroparticle Physics - Room 12 (30 August 15:00-16:00)

- Conveners: Prof. Schmidt, Andreas

time	[id] title	presenter
15:00	[209] QCD relics in the present day Universe?	Prof. RIBEIRO, José
15:20	[66] The In-medium Mass and Widths of light Vector Mesons	Prof. DJALALI, Chaden
15:40	[151] Chiral Symmetry and Medium Modifications of Mesons	Mr. HILGER, Thomas

Parallel I: B2 Light Quarks - Auditorium (30 August 16:30-18:40)

- Conveners: Prof. Sazdjian, Hagop

time	[id] title	presenter
16:30	[231] How to get peaks from cuts in experiment: the fallacious claim for the Theta+ pentaquark.	Prof. OSET, Eulogio
16:55	[97] MO analysis with chiral symmetry constraints of the recent belle photon-photon scattering results	Dr. MOUSSALLAM, Bachir
17:20	[175] gamma gamma to pi pi process and chiral LECs	Prof. ZHENG, Han-qing
17:40	[276] Two-body Final States in Two-photon Processes at Belle	Dr. MORI, Takashi
18:00	[195] Chiral extrapolation of SU(3) amplitudes	Dr. ECKER, Gerhard
18:20	[163] ChPT including the sigma explicitly	TARRÚS, Jaume

Parallel II: A2 Vacuum structure and confinement - Room 14 (30 August 16:30-18:30)**- Conveners: Prof. Fukushima, Kenji**

time	[id] title	presenter
16:30	[179] Superconducting state of QCD vacuum induced by strong magnetic field	Dr. CHERNODUB, Maxim
16:50	[113] Towards a quantum theory of chiral magnetic effect	Dr. SHEVCHENKO, Vladimir
17:10	[63] Quark electric dipole moment induced by magnetic field	Dr. LUSHCHEVSKAYA, Elena
17:30	[242] From propagators to glueballs (in the Gribov-Zwanziger framework)	Ms. VANDERSICKEL, Nele
17:50	[185] Non-perturbative analysis of the Gribov-Zwanziger action	Dr. HUBER, Markus
18:10	[158] A dynamical study of the Kugo-Ojima function	Dr. BINOSI, Daniele

Parallel III: C1 Heavy Quarks - Room 13 (30 August 16:30-18:35)**- Conveners: Prof. Soto, Joan**

time	[id] title	presenter
16:30	[165] The QQ and QQQ static potentials at NNLO	VAIRO, Antonio
16:55	[256] The QCD static potential in 2+1 dimensions	Dr. STAHLHOFEN, Maximilian
17:15	[148] Resummation of Threshold, Low- and High-Energy Expansions for Heavy-Quark Correlators	Dr. GREYNAT, David
17:35	[108] Heavy quarks, gluons and the confinement potential in Coulomb gauge	Ms. POPOVICI, Carina
17:55	[119] The heavy quark potential and its mass dependence	Mr. LASCHKA, Alexander
18:15	[177] Towards Using Lattice Data to Calculate Open-Flavor Effects in Heavy Quarkonium Phenomenology	Mr. DOWNUM, Clark

Parallel IV: F2 Nuclear and Astroparticle Physics - Room 12 (30 August 16:30-18:15)**- Conveners: Prof. Schmidt, Andreas**

time	[id] title	presenter
16:30	[84] r-modes and quark stars	Prof. ANDERSSON, Nils
16:55	[212] Cold Quark Matter	Dr. KURKELA, Aleksii
17:15	[208] Dissipative processes in superfluid neutron stars	Dr. MANNARELLI, Massimo
17:35	[180] Non-linear viscous damping of r-modes	Dr. SCHWENZER, Kai
17:55	[68] Many body effects in neutron star crusts and connection with observables	SHARMA, Rishi

Welcome Cocktail - Poster Session - Botanic Garden (30 August 19:00-22:00)

Tuesday 31 August 2010

Parallel I: B3 Light Quarks - Auditorium (31 August 09:00-10:20)

- Conveners: Prof. Goity, Jose L.

time	[id] title	presenter
09:00	[222] Kpi vector form factor constraints from tau->Kpinutau and Kl3 decays	ESCRIBANO, Rafel
09:20	[154] Dispersion relations with crossing symmetry for the pi-pi D wave	Dr. KAMINSKI, Robert
09:40	[139] Quark mass dependence of light resonances and phase shifts in elastic pion-pion and pion-kaon scattering	Ms. NEBREDA, Jenifer
10:00	[82] Precision Measurement of pi pi Scattering Lengths in Ke4 Decays	Dr. MADIGOZHIN, Dmitry

Parallel II: A3 Vacuum structure and confinement - Room 14 (31 August 09:00-10:20)

- Conveners: Prof. Langfeld, Kurt

time	[id] title	presenter
09:00	[116] Hamiltonian Dyson-Schwinger and FRG Flow Equations of Yang-Mills Theory in Coulomb Gauge	Prof. REINHARDT, Hugo
09:20	[216] Phase Structure of Confining Theories on $R^3 \times S^1$	NISHIMURA, Hiromichi
09:40	[188] Dual Condensate and the Phase Transition in Unquenched Lattice QCD	Mr. ZHANG, Bo
10:00	[126] CP symmetry and phase transitions	Prof. ASOREY, Manuel

Parallel III: D2 Deconfinement - Room 13 (31 August 09:00-10:30)

- Conveners: Prof. Rak, Jan

time	[id] title	presenter
09:00	[75] NA61/SHINE Ion Program: Status and Plans	GAZDZICKI, Marek
09:25	[33] Particle Production in Nucleus-Nucleus Collisions at the SPS and the QCD Phase diagram	BLUME, Christoph
09:50	[78] The QCD phase diagram from functional methods	Mrs. HAAS, Lisa Marie
10:10	[300] What do we know theoretically about the existence of a QCD critical point?	Prof. PHILIPSEN, Owe

Parallel IV: F3 Nuclear and Astroparticle Physics - Room (31 August 09:00-10:30)

- Conveners: Dr. Mannarelli, Massimo

time	[id] title	presenter
09:00	[145] Meson condensation and critical point in dense quark matter	Dr. TACHIBANA, Motoi
09:25	[203] Kaon condensation in the color-flavor-locked phase of quark matter, the Goldstone theorem, and the 2PI Hartree approximation	Mr. LEGANGER, Lars E.
09:45	[131] Phase diagram of dense quark matter in QCD-like theories	Mr. BRAUNER, Tomas
10:05	[169] Phase diagram and critical properties in the Polyakov-Nambu-Jona-Lasinio model	SOUSA, Célia

Parallel I: B4 Light Quarks - Auditorium (31 August 10:50-12:30)**- Conveners: Prof. Bini, Cesare**

time	[id] title	presenter
10:50	[246] Recent Results from Hall C at Jefferson Lab	Dr. GASKELL, David
11:15	[253] Nucleon form factors and GPDs from the lattice	Dr. ZANOTTI, James
11:40	[92] Highly excited and exotic meson spectroscopy from lattice QCD	Dr. THOMAS, Christopher
12:05	[93] Quark fragmentation to pions and kaons in the NJL-jet model	Prof. BENTZ, Wolfgang

Parallel II: A4 Vacuum structure and confinement - Room 14 (31 August 10:50-12:30)**- Conveners: Dr. Rodríguez Quintero, Jose**

time	[id] title	presenter
10:50	[196] Goldstone bosons and fermions in QCD	Prof. ZWANZIGER, Daniel
11:15	[213] On the Infrared Behaviour of Landau Gauge Yang-Mills Theory with Differently Charged Scalar Fields	Prof. ALKOFER, Reinhard
11:40	[35] Gauges, propagators, and physics	Dr. MAAS, Axel
12:05	[206] The saga of Landau-gauge propagators: gathering new ammo	Prof. CUCCHIERI, Attilio

Parallel III: D3 Deconfinement - Room 13 (31 August 10:50-12:30)**- Conveners: Dr. Foka, Yiota**

time	[id] title	presenter
10:50	[114] Anisotropic Flow	Dr. SNELLINGS, Raimond
11:15	[110] "Anisotropic flow analysis in ALICE experiment"	Mr. BILANDZIC, Ante
11:35	[275] Quarkyonic Matter and Quark Number Scaling of Elliptic Flow	Prof. CSERNAI, Laszlo
11:55	[39] Femtosopic results from the first pp collisions at the LHC	Dr. GANGADHARAN, Dhevan

Parallel IV: C2 Heavy Quarks - Room 12 (31 August 10:50-12:30)**- Conveners: Prof. Vairo, Antonio**

time	[id] title	presenter
10:50	[106] Decay constants of heavy mesons from SVZ sum rules	Prof. MELIKHOV, Dmitri
11:10	[176] $\Sigma_{b,c}$ to Nucleon Transitions in Light Cone QCD Sum Rules	Dr. BAYAR, Melahat
11:30	[80] A relativistic quark model with infrared confinement and tetraquark	Prof. IVANOV, Mikhail
11:50	[205] Hyperfine mixing in $b\bar{c}$ semileptonic and electromagnetic decays involving Σ_{bc} baryons	Dr. ALBERTUS TORRES, Conrado
12:10	[219] C3P0 model for D_{sj} mesons decay	Mr. T. DA SILVA, Daniel

Parallel I: B5 Light Quarks - Auditorium (31 August 14:00-16:15)**- Conveners: Prof. Bini, Cesare**

time	[id] title	presenter
14:00	[147] Hadron Physics with KLOE and KLOE-2	Dr. MISCETTI, Stefano
14:25	[69] Recent results of light hadron spectroscopy study at BESIII	LIU, Kun
14:50	[218] Relevance of final State interactions in $\eta' \rightarrow \eta \pi \pi$	Dr. SANZ-CILLERO, Juan Jose
15:10	[225] Scalar-Pseudoscalar scattering and dynamically generated resonances	Mr. ALBALADEJO, Miguel
15:30	[199] Precise dispersive analysis of the $f_0(600)$ and $f_0(980)$ resonances from pion-pion scattering.	Mr. RUIZ DE ELVIRA CARRASCAL, Jacobo
15:50	[153] η - η' Mixing from Chiral Lagrangian	Dr. MATHIEU, Vincent

Parallel II: A5 Vacuum structure and confinement - Room 14 (31 August 14:00-16:00)**- Conveners: Prof. Cucchieri, Attilio**

time	[id] title	presenter
14:00	[220] On the transition between DSE decoupling and scaling low-momentum solutions	Dr. RODRIGUEZ QUINTERO, Jose
14:25	[118] Nonperturbative gluon and ghost propagators in $d=3$	Dr. PAPAVALASSILOU, Joannis
14:50	[197] Towards the continuum limit of the lattice Landau gauge gluon propagator	Dr. SILVA, Paulo
15:10	[128] The ghost propagator in Coulomb gauge	Dr. WATSON, Peter
15:30	[200] Form factors and excitations of topological solitons	Mr. WEIR, David

Parallel III: D4 Deconfinement - Room 13 (31 August 14:00-16:05)**- Conveners: Prof. Becattini, Francesco**

time	[id] title	presenter
14:00	[98] Heavy-quark production in hot and dense QCD matter	Dr. MISCHKE, Andre
14:25	[248] Heavy quark measurements in the Alice Muon Spectrometer	Dr. SUIRE, Christophe
14:45	[55] First results on heavy flavour production and future potential measurements from ALICE	Dr. BOMBONATI, Carlo
15:05	[229] Study of Charm and Bottom using electron- D^0 azimuthal correlations in the STAR experiment at RHIC	Prof. KABANA, sonia
15:25	[99] Heavy meson production in dense matter	Prof. TOLOS, Laura
15:45	[31] The Polyakov loop correlator at the next-to-leading order and its relation with the singlet and octet potentials	Mr. GHIGLIERI, Jacopo

Parallel IV: F4 Nuclear and Astroparticle Physics - Room 12 (31 August 14:00-15:45)**- Conveners: Prof. Ribeiro, Jose**

time	[id] title	presenter
14:00	[240] High density superfluid deuterium	Prof. BEDAQUE, Paulo
14:25	[311] Photon spectra from quark generation by WIMPs	Dr. DE LA CRUZ-DOMBRIZ, ALVARO

14:45	[138] Phenomenology of nuclei from a BPS Skyrme model	Dr. WERESZCZYNSKI, Andrzej
15:05	[198] Lattice QCD calculations of two baryons interactions	Dr. PARREÑO, Assumpta
15:25	[91] Space-time variation of fundamental constants: theory, observations and QCD calculations	Prof. FLAMBAUM, Victor

Parallel III: D5 Deconfinement - Room 13 (31 August 16:20-18:55)

- Conveners: Prof. Gazdzicki, Marek

time	[id] title	presenter
16:20	[86] Strangeness production in ALICE pp collisions	VILLALOBOS BAILLIE, Orlando
16:45	[251] Strangeness production in relativistic heavy ion collisions	Prof. BECATTINI, Francesco
17:10	[103] Baryon number transport at LHC energies with the ALICE experiment	Dr. CHRISTAKOGLU, Panos
17:35	[230] Measurement of identified charged hadron spectra in proton-proton collisions using the Inner Tracking System of the ALICE experiment at the LHC	Mr. BIOLCATI, Emanuele
17:55	[71] Binding Energies and Melting Temperatures of Heavy Hadrons in Quark-Gluon Plasma	Prof. NARODETSKIY, Ilya
18:15	[235] The Quasi-Classical Model in SU(N) Gauge Field Theory	Prof. KOSHELKIN, Andrey
18:35	[178] Hydrodynamics during the Thermal Phase Transition from Hadronic Gas to a Colorless Quark Gluon Plasma	Prof. LADREM, Madjid

Parallel I: B6 Light Quarks - Auditorium (31 August 16:30-18:50)

- Conveners: Prof. Goity, Jose L.

time	[id] title	presenter
16:30	[61] Analysis of the lowest-lying baryon masses in chiral perturbation theory	Mr. MARTIN CAMALICH, Jorge
16:50	[89] Group theoretical study of nonstrange and strange mixed symmetric baryon states $[N_c-1, 1]$ in the $1/N_c$ expansion	Dr. MATAGNE, Nicolas
17:10	[159] Systematic errors in extracting nucleon properties from lattice QCD	Mr. KNIPPSCHILD, Bastian
17:30	[42] Light Meson Spectroscopy and Regge Trajectories in the Relativistic Quark Model	Prof. FAUSTOV, Rudolf
17:50	[58] Closing a Loophole in Factorization Proofs	Dr. BODWIN, Geoffrey
18:10	[174] Gauge Invariance In Soft Collinear Effective Theory	Dr. IDILBI, Ahmad
18:30	[59] Probing quark-gluon interactions with transverse polarized scattering	Dr. RONDON, Oscar

Parallel II: C3 Heavy Quarks - Room 14 (31 August 16:30-18:40)

- Conveners: Prof. Vairo, Antonio

time	[id] title	presenter
16:30	[101] Deeply bound charm molecules and on-shell pions	Dr. KALASHNIKOVA, Yulia
16:50	[44] X(3872): charmonium or molecule?	Dr. NEFEDIEV, Alexey
17:15	[173] Rethinking the X(3872)	Dr. BURNS, Timothy
17:35	[155] $D\bar{D}$ production and their interactions	Dr. LIU, Yanrui

17:55	[102] The Y(3940), Z(3930) and the X(4160) as dynamically generated resonances from the vector-vector interaction	Mrs. MOLINA PERALTA, Raquel
18:15	[283] Latest results on quarkonia and charmoniumlike spectroscopy from Tevatron	Mr. CALANCHA, constantino

Parallel IV: E2 QCD and New Physics - Room 12 (31 August 16:30-18:50)

- Conveners: Prof. Edelstein, Jose

time	[id] title	presenter
16:30	[244] AdS black disk model for small-x DIS	Dr. COSTA, Miguel
16:55	[150] Holography and the muon g-2	Dr. CATÀ CONTRERAS, Oscar
17:15	[210] Can strongly coupled large N gauge theories break Lorentz invariance?	Prof. TOMBOULIS, Terry E
17:35	[214] Quark mass dependence of light and heavy systems	Dr. GUO, Feng-Kun
18:00	[142] Langevin dynamics of heavy quarks in 5D Holographic QCD models	Dr. NITTI, Francesco
18:25	[182] Quarkyonic Chiral Spirals	Dr. KOJO, Toru

Wednesday 01 September 2010

Plenary 3 (01 September 09:00-10:30)

- **Conveners: Prof. Faber, Manfred**

time	[id] title	presenter
09:00	[194] QCD-like technicolor on the lattice	Prof. RUMMUKAINEN, Kari
09:30	[297] Lattice QCD meets continuum	Dr. BECIREVIC, Damir
10:00	[167] Lattice results on the phase structure and equation of state in QCD at finite temperature	Prof. KANAYA, Kazuyuki

Plenary 4 (01 September 11:00-12:30)

- **Conveners: Prof. Sazdjian, H.**

time	[id] title	presenter
11:00	[294] Constructing strong coupling Feynman rules for QCD builds physical hadrons	Prof. PENNINGTON, Michael
11:30	[271] Confinement and deconfinement for any gauge group, from dyons' viewpoint	Prof. DIAKONOV, Dmitri
12:00	[224] The QCD phase diagram: Results and challenges	Prof. PAWLOWSKI, Jan

Excursion to Toledo (12:30-21:45)

Thursday 02 September 2010

Plenary 5 (02 September 08:45-10:15)

- **Conveners: Prof. Bodwin, G.**

time	[id] title	presenter
08:45	[288] Drell-Yan cross sections at small q_T , generalized PDFs, and the collinear anomaly	Prof. NEUBERT, Matthias
09:15	[135] QCD predictions for Heavy Quarkonium at weak coupling	Prof. PINEDA, Antonio
09:45	[27] Quarkonium at Finite Temperature	BRAMBILLA, Nora

Plenary 6 (02 September 10:45-12:30)

- **Conveners: Prof. Greensite, Jeff**

time	[id] title	presenter
10:45	[278] Algorithms for lattice QCD: progress and challenges	Dr. SCHAEFER, Stefan
11:15	[215] Future of lattice calculations with staggered sea quarks	Prof. GOTTLIEB, Steven
11:45	[291] Round Table: What don't we know about Confinement?	

Lunch - Physics cafeteria (12:30-14:00)

Parallel I: B7 Light Quarks - Auditorium (02 September 14:00-16:00)

- **Conveners: Dr. Pena, Carlos**

time	[id] title	presenter
14:00	[241] Low-energy constants from lattice QCD	BAER, Oliver
14:25	[227] The nucleon from a Poincaré-covariant Faddeev equation	Dr. EICHMANN, Gernot
14:50	[257] Hadron Spectroscopy with CLAS	PASYUK, Eugene
15:15	[144] Structure of scalar mesons $f_0(600)$, $a_0(980)$, $f_0(1370)$ and $a_0(1450)$	Mr. PARGANLIJA, Denis
15:35	[282] Neutron News from Jefferson Lab	KORSCH, Wolfgang

Parallel II: A6 Vacuum structure and confinement - Room 14 (02 September 14:00-16:00)

- **Conveners: Dr. Bruckmann, Falk**

time	[id] title	presenter
14:00	[184] Properties of the approximate Yang-Mills ground-state wave functional in 2+1 dimensions	Dr. OLEJNIK, Stefan
14:25	[245] A numerical method for computing relative amplitudes of the true Yang-Mills vacuum wavefunctional.	Prof. GREENSITE, Jeff
14:45	[170] Lattice studies of trial wave functionals for Yang-Mills theory in Coulomb gauge	Dr. QUANDT, Markus
15:10	[115] Variational approach to Yang-Mills theory with non-Gaussian wave functionals	Mr. CAMPAGNARI, Davide
15:35	[255] Universal Aspects of Deconfinement: Interfaces, Flux Tubes and Self-Duality in 2+1 Dimensions	Dr. VON SMEKAL, Lorenz

Parallel III: D6 Deconfinement - Room 13 (02 September 14:00-16:05)**- Conveners: Prof. Gomez Nicola, Angel**

time	[id] title	presenter
14:00	[85] Rapidity long range correlations, parton percolation and color glass condensate	Prof. PAJARES, carlos
14:25	[54] A geometric approach to correlations and quark number susceptibilities	Dr. BELLUCCI, Stefano
14:45	[111] Spatial correlators of the energy-momentum tensor in Yang-Mills theory	Dr. VUORINEN, Alekski
15:05	[73] Bulk viscosity and the trace anomaly in QCD	Dr. FERNANDEZ-FRAILE, Daniel
15:25	[189] The chiral phase transition and the role of vacuum fluctuations	Mr. KYLLINGSTAD, Lars Tandle
15:45	[47] Gauge / String Duality at Finite Temperature	Dr. MEGIAS, Eugenio

Parallel IV: E3 QCD and New Physics - Room 12 (02 September 14:00-16:05)**- Conveners: Dr. Coleman, Jon**

time	[id] title	presenter
14:00	[252] Search for Exotica at CLA12	Dr. BATTAGLIERI, Marco
14:25	[258] The Search for Gluonic Degrees of Freedom in QCD using the GlueX Facility at Jefferson Lab.	Dr. BENEDIKT, Zihlmann
14:50	[249] Exotic Hadrons at PANDA	Dr. GOETZEN, Klaus
15:15	[243] Diffractive exclusive production of Higgs boson and heavy quark pairs at high energy proton-proton collisions.	Prof. SZCZUREK, Antoni
15:40	[272] Chiral Symmetry Breaking and Potentials in Soft-Wall Models of AdS/QCD	Prof. KAPUSTA, Joseph

Parallel I: B8 Light Quarks - Auditorium (02 September 16:30-18:30)**- Conveners: Prof. Alkofer, Reinhard**

time	[id] title	presenter
16:30	[72] Status of the light-by-light contribution to the electron and muon $g-2$	Dr. PRADES, Joaquim
16:55	[233] Lattice calculations of form factors and the hadronic contribution to the muon's $(g-2)$	Dr. JUETTNER, Andreas
17:20	[274] $g-2$ of the muon and Delta alpha: recent developments and status report	Dr. TEUBNER, Thomas
17:40	[134] Complete Analysis of strong Quantum Field Theory in four dimensions using Schwinger-Dyson Equations	Dr. KIZILERSU, Ayse
18:00	[193] QCD sum rules in a Bayesian approach	Mr. GUBLER, Philipp

Parallel II: A7 Vacuum structure and confinement - Room 14 (02 September 16:30-18:30)**- Conveners: Dr. Chernodub, Maxim**

time	[id] title	presenter
16:30	[125] QCD monopoles on the lattice and gauge invariance	Prof. DI GIACOMO, ADRIANO
16:50	[117] Non-Abelian magnetic monopole dominance for SU(3) Wilson loop average	Prof. KONDO, Kei-Ichi
17:10	[232] Monopoles and vortices in the QCD vacuum : The Coulomb Gauge perspective	Prof. SZCZEPANIAK, Adam

17:30	[96] Vortex content of calorons and deconfinement mechanism	Dr. BRUCKMANN, Falk
17:50	[152] Center vortex model and the G(2) gauge group	Dr. DELDAR, sedigheh
18:10	[132] Fractional Topological Charge and Lattice Index Theorem	Dr. HÖLLWIESER, Roman

Parallel III: C4 Heavy Quarks - Room 13 (02 September 16:30-18:30)

- Conveners: Dr. Scimemi, Ignazio

time	[id] title	presenter
16:30	[104] J/Psi Photoproduction at NLO using NRQCD	Dr. BUTENSCHÖN, Mathias
16:55	[122] Quarkonium production at the Tevatron and the LHC	ARTOISENET, Pierre
17:20	[81] Light hadronic decays and decay rates of quarkonia	Dr. RAI, Ajay Kumar
17:40	[32] J/Ψ Radiative transitions to ηc	Mr. ROIG GARCES, Pablo
18:05	[124] Muonic hydrogen at finite temperature. A toy model for Heavy Quarkonium dissociation.	Mr. ESCOBEDO ESPINOSA, Miguel Angel

Parallel IV: F5 Nuclear and Astroparticle Physics - Room 12 (02 September 16:30-18:30)

- Conveners: Prof. Cohen, Tom

time	[id] title	presenter
16:30	[164] Spectral properties of mesons in hot and dense matter from energy weighted sum rules	Dr. CABRERA, Daniel
16:50	[228] QCD contributions to the thermal history of the early Universe	Dr. RUIZ CEMBRANOS, Jose Alberto
17:10	[192] Chiral Magnetic Effect	Dr. WARRINGA, Harmen
17:30	[217] Study of Few-Nucleon Systems in CLAS	Dr. ILIEVA, Yordanka
17:50	[221] Analysis of K- He interactions in the KLOE drift chamber.	Dr. VAZQUEZ DOCE, Oton
18:10	[207] On the chiral expansion of multiple Goldstone-boson exchange	Prof. EPELBAUM, Evgeny

Social dinner (20:00-22:30)

After Dinner Talk: We must know, we will know! by prof. Miguel Ángel Sanchís Lozano - At restaurant (02 September 22:30-23:00)

Friday 03 September 2010

Plenary 7 (03 September 09:15-10:15)

- **Conveners: Prof. Ribeiro, José**

time	[id] title	presenter
09:15	[166] Nearly perfect fluidity: from cold atoms to QGP	Prof. SCHAEFER, Thomas
09:45	[299] Recent neutron star observations, their interpretation and its implications for dense matter.	Prof. REDDY, Sanjay

Plenary 8 (03 September 10:45-12:30)

- **Conveners: Dr. Foka, Yiota; Prof. Busza, Wit**

time	[id] title	presenter
10:45	[280] RHIC and the QGP at 10	Prof. CAINES, Helen
11:15	[295] First results from the ALICE experiment	Dr. HIPPOLYTE, Boris
11:45	[292] Round table on qcd confinement/deconfinement transition and quark gluon plasma formation	

Lunch - Physics cafeteria (12:30-14:00)

Parallel I: B9 Light Quarks - Auditorium (03 September 14:00-16:00)

- **Conveners: Prof. Alkofer, Reinhard**

time	[id] title	presenter
14:00	[34] Contribution of Vector Mesons and Spin-1 Diquark to The Nucleon Structure Functions	ZAMANI, Farid
14:20	[204] Light-meson properties from the Bethe-Salpeter equation	Mrs. BLANK, Martina
14:40	[202] Radiative and strong decay widths of dynamically generated resonances from the vector-baryon interaction	Mr. GARZON, Javier
15:00	[211] The Polyakov-Nambu-Jona-Lasinio model with six and eight quark interactions	MOREIRA, Joao
15:20	[67] Chiral symmetry breaking revisited: gap equation with lattice ingredients	Dr. AGUILAR, Arlene Cristina
15:40	[112] Scalar-Isoscalar states and dim-2 condensates in large- N_c regge approach	Prof. RUIZ ARRIOLA, Enrique

Parallel II: A8 Vacuum structure and confinement - Room 14 (03 September 14:00-16:00)

- **Conveners: Prof. Polikarpov, Mikhail**

time	[id] title	presenter
14:00	[50] Some exact results on conformally invariant effective string theories.	Prof. HARI DASS, N D
14:20	[284] Simulating large- N quantum field theories using nonlinear random processes	Mr. BUIVIDOVICH, Pavel
14:40	[168] Two-point functions of quenched lattice QCD in Numerical Stochastic Perturbation Theory	Dr. SCHILLER, Arwed
15:00	[29] Hausdorff dimension of quark trajectories from SCSB and confinement.	Dr. ANTONOV, Dmitri
15:20	[129] New Confinement Scenario	Dr. INOPIN, Andrej

15:40	[273] The static force from lattice QCD with two dynamical quarks	Dr. LEDER, Bjorn
-------	---	------------------

Parallel III: D7 Deconfinement - Room 13 (03 September 14:00-16:00)

- Conveners: Prof. Philipsen, Owe

time	[id] title	presenter
14:00	[60] Gluon Thermodynamics at Intermediate Coupling	Mr. SU, Nan
14:20	[94] The Chiral and deconfinement aspects of the QCD transition	Dr. SCHMIDT, Christian
14:40	[160] Towards the $N_f=2$ deconfinement transition temperature with $O(a)$ improved Wilson fermions	BRANDT, Bastian
15:00	[191] QCD equation of state in the continuum	Dr. BORSANYI, Szabolcs
15:20	[77] Glueballs, gluon condensate and pure glue QCD phase transition at large N	Dr. BUISSERET, Fabien
15:40	[157] The QCD Phase Transition in Strong Magnetic Fields	Dr. D'ELIA, Massimo

Parallel IV: C5 Heavy Quarks - Room 12 (03 September 14:00-16:00)

- Conveners: Prof. Bodwin, Geoffrey

time	[id] title	presenter
14:00	[30] Quark Fragmentation within an Identified Jet	Dr. PROCURA, Massimiliano
14:25	[187] Inclusive J/ψ production in Υ Decay Via color-singlet mechanism	Dr. HE, ZHIGUO
14:50	[46] BESIII physics results	Dr. YAN, Liang
15:10	[40] The recent results for charmonium decay in BESIII	Mr. ZHANG, Lei
15:35	[74] The SuperB project	Prof. LESIAK, Tadeusz

Plenary 9 (03 September 16:30-18:30)

- Conveners: Prof. Lucha, Wolfgang

time	[id] title	presenter
16:30	[183] The AdS/QCD Correspondence: Still Undelivered	Dr. REECE, Matthew
17:00	[141] Experimental Overview: What have we learned about the structure of hadrons?	Prof. CREDE, Volker
17:30	[287] Charmed Exotics and the X(3872)	MEHEN, Thomas
18:00	[270] Review of new results on XYZ mesons from BaBar, Belle, BESIII and CDF	Prof. OLSEN, Stephen

Conference closure - Auditorium (03 September 18:30-18:40)