



Thursday, July 22, 2010 Morning

Salle Maillot

01 - Early Experience and Results from LHC

- 09:00 342 Optimisation of LHC beam conditions
Helmut Burkhardt (CERN)
- 09:25 207 Determination of the Luminosity by the LHC Experiments
Massimiliano Ferro-Luzzi (CERN)
- 09:45 364 Performance of the ATLAS Trigger with Proton Collisions at the LHC
John Baines (Particle Physics-Rutherford Appleton Laboratory-STFC - Science &)
- 10:00 814 Performance of the CMS High-Level Trigger
Edgar Carrera Jarrin (Boston University)
- 10:15 472 LHCb trigger system
Eric Van Herwijnen (CERN)

01 - Early Experience and Results from LHC

- 11:00 822 Operation, calibration and performance of the CMS silicon tracker
Steven Lowette (UCSB)
- 11:18 1120 Commissioning and Performance of the ATLAS Inner Detector with proton-proton Collisions at the LHC
Antonio Limosani (University of Melbourne)
- 11:36 221 Performance of the Tracking System at the LHCb Experiment
Silvia Borghi (University of Glasgow)
- 11:54 1119 Performance of Track and Vertex Reconstruction and b-Tagging Studies with ATLAS in pp Collisions at $\sqrt{s} = 7$ TeV
Johanna Fleckner (CERN / University of Mainz)
- 12:12 1122 Performance of Track and Vertex Reconstruction and B-Tagging Studies with CMS in pp Collisions at $\sqrt{s} = 7$ TeV
Boris Mangano (UCSD)



Thursday, July 22, 2010 Morning

Salle 242

05 - Heavy Quarks Properties (experiment and theory)

- 09:00 [1009](#) Quarkonium production at the Tevatron and the LHC
Pierre Artoisenet (The Ohio State University)
- 09:15 [558](#) Double quarkonium production at the LHC
Chaehyun Yu (KIAS)
- 09:30 [205](#) Prompt J/psi and b -> J/psi X production in pp collisions at $\sqrt{s} = 7$ TeV
Giovanni Passaleva (Istituto Nazionale di Fisica Nucleare (INFN) - Florence)
- 09:45 [841](#) Measurement of J/psi, Upsilon and b-hadron production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the CMS experiment
David Lopes-Pegna (Princeton University)
- 10:00 [1066](#) Study of Jpsi production at central rapidity with the ALICE experiment at LHC.
Giuseppe Bruno (University and INFN, Bari, Italy)
- 10:15 [1231](#) Initial-state-radiation production of Ds Mesons and high precision measurements of Ds1(2536) at Babar
Joseph Michael Izen (University of Texas at Dallas)

05 - Heavy Quarks Properties (experiment and theory)

- 11:00 [186](#) Three-loop heavy quark potential
Matthias Steinhauser (KIT)
- 11:15 [237](#) Recent results of charmonium transitions at BESIII
LI Gang (IHEP)
- 11:30 [1233](#) Recent results of charmonium radiative decay from BESIII
Ronggang Ping (IHEP)
- 11:45 [335](#) Measurement psi(3770) resonance parameters with KEDR detector at VEPP-4M
Korneliy Todyshev (BINP)
- 12:00 [1227](#) Recent Quarkonium Results from BaBar
Bryan Fulsom (SLAC National Accelerator Laboratory)
- 12:15 [157](#) Perspectives for quarkonium production at the LHC
Jean-Philippe Lansberg (Ecole polytechnique)



Thursday, July 22, 2010 Morning

Salle 251

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 09:00 228 Extraction of Compton Form Factors from DVCS data
Michel Guidal (CNRS/IPN Orsay)
- 09:20 1157 On chiral-odd Generalized Parton Distributions
Samuel Wallon (LPT, Université Paris-Sud, CNRS, Orsay and UPMC Univ. Paris 06)
- 09:30 268 The nucleon's transversity and the photon's distribution amplitude probed in lepton pair photoproduction
Lech Szymanowski (Soltan INS, Warsaw)
- 09:40 1116 Deeply Virtual Exclusive Reactions with CLAS
Valery Kubarovskiy (Jefferson Lab)
- 10:00 283 Deeply Virtual Compton Scattering off deuteron and twist three contributions
Igor Anikin (Joint Inst. for Nuclear Research)
- 10:15 277 Medium Modification of Vector Mesons
Chaden Djalali (University of South Carolina)

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 11:00 271 Hard exclusive processes in the backward region
Jean-Philippe Lansberg (Ecole polytechnique)
- 11:15 1059 Spin structure of the proton and Transverse Momentum Dependent distributions
Alexei Prokudin (JLab-Newport News, Virginia, USA)
- 11:35 1024 Transverse momentum dependent splitting functions and parton distributions.
Francesco Hautmann (Institute of Theoretical Physics)
- 11:50 1194 DVCS and TMDs Studies at HERMES
Klaus Rith (University of Erlangen)
- 12:10 1193 DVCS, TMDs and Spin Physics at COMPASS
Fabienne Kunne (CEA Saclay)



Thursday, July 22, 2010 Morning

Salle 252A

12 - Beyond Quantum Field Theory Approaches (including String Theories)

- 09:00 1202 Scattering amplitudes in maximally supersymmetric Yang-Mills theory
Gregory Korchemsky (CEA Saclay)
- 09:22 865 Perturbative Quantum Gravity from Gauge Theory
Henrik Johansson (IPhT CEA Saclay)
- 09:44 746 Monodromies and the structure of gauge and gravity amplitudes
Pierre Vanhove (IPHT CEA/Saclay & IHES)
- 10:06 862 Bounds on Anomalous Dimensions and OPE Coefficients from Crossing Symmetry in 4D CFTs. Applications to Conformal Technicolor and Unparticles.
Slava Rychkov (ENS & Jussieu)

12 - Beyond Quantum Field Theory Approaches (including String Theories)

- 11:00 376 SUSY Breaking in the Klebanov-Strassler Background by Anti-D3 Branes
Nick Halmagyi (CEA)
- 11:22 391 Superstring Cosmology
John Estes (ENS)
- 11:44 1114 Supersymmetry breaking branes and de Sitter vacua in generalised geometry
Michela Petrini (CNRS/LPTHE)
- 12:06 126 Loop quantum gravity and the early universe
Aurelien Barrau (LPSC Laboratoire de Physique Subatomique et de Cosmologie (LPSC))



Thursday, July 22, 2010 Morning

Salle 252B

02 - The Standard Model and Electroweak Symmetry Breaking

- 09:00 [1152](#) W/Z production at HERA
Amita Raval (DESY)
- 09:15 [1153](#) Studies of polarized ep collisions and combined EW and QCD fits at HERA
Vladimir Chekelian (MPI fuer Physik)
- 09:30 [1139](#) W and Z boson production and properties at the Tevatron
Terry Wyatt (University of Manchester)
- 09:50 [493](#) Measurement of W and Z boson production in pp at $\sqrt{s} = 7$ TeV with the ATLAS detector
Laurent Serin (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))
- 10:10 [832](#) W and Z boson production at CMS in pp collisions at $\sqrt{s}=7$ TeV
Jeremiah Mans (University of Minnesota/CMS)

02 - The Standard Model and Electroweak Symmetry Breaking

- 11:00 [187](#) Top-quark production at the Tevatron and LHC
Peter Uwer (Humboldt-Universität zu Berlin)
- 11:22 [1132](#) Studies of single top quark production at the Tevatron
Breese Quinn (University of Mississippi)
- 11:45 [1133](#) Measurement of the top quark pairs production cross sections and differential distributions of top quarks at the Tevatron
Fabrizio Margaroli (Purdue)
- 12:08 [128](#) Top quark pair and single top production at Tevatron and LHC energies
Nikolaos Kidonakis (Kennesaw State University)



Thursday, July 22, 2010 Morning

Salle 253

08 - Heavy Ion Collisions and Soft Physics at Hadron Colliders

- 09:00 1077 Jet reconstruction in heavy ion collisions
Matteo Cacciari (LPTHE)
- 09:20 1025 Jet-medium interactions in heavy ion collisions
Olga Evdokimov (University of Illinois at Chicago)
- 09:40 1079 Jets and Jet-like Correlations in Heavy Ion and p+p Collisions at PHENIX
Chris Pinkenburg (BNL)
- 10:00 1070 First glance at hard scattering phenomena with ALICE at LHC
Jan Rak (BNL)
- 10:15 124 Phase diagram of hot QCD in an external magnetic field
Eduardo Fraga (Instituto de Fisica, Universidade Federal do Rio de Janeiro)

08 - Heavy Ion Collisions and Soft Physics at Hadron Colliders

- 11:00 1026 Heavy quarkonia production at STAR
Daniel Kikola (Lawrence Berkeley Nat. Lab./Warsaw Univ. of Technology)
- 11:20 1071 Quarkonia measurements with the PHENIX detector
Alex Linden-Levy (LLNL)
- 11:40 897 Heavy flavour measurements with ALICE at the LHC
Javier Castillo Castellanos (Service de Physique Nucleaire (SPhN))
- 12:00 533 Identified particle production in inelastic pp events with the ATLAS detector
Leonid Gladilin (Moscow State University)
- 12:15 877 Inclusive production of hyperons, as well as of pions, charged kaons, protons, anti-protons and neutrons in p+p collisions at 158 GeV/c beam momentum
Tome Anticic (Rudjer Boskovic Institute)



Thursday, July 22, 2010 Afternoon

Salle Maillot

01 - Early Experience and Results from LHC

- 14:00 214 Particle ID in LHCb
Andrew Powell (University of Oxford)
- 14:20 1123 Commissioning and Performance of the CMS Calorimeter Systems with proton-proton Collisions at the LHC
Philippe Gras (DAPNIA)
- 14:40 1117 Commissioning and Performance of the ATLAS Calorimeter Systems with proton-proton Collisions at the LHC
Pascal Pralavorio (Faculte des Sciences de Luminy-Centre de Physique des Particules)
- 15:00 1118 Electron and Photon Performance and Electron pT Spectrum Measurement with ATLAS in pp Collisions at $\sqrt{s} = 7$ TeV
Scott Snyder (Brookhaven National Laboratory (BNL))
- 15:20 826 Electron and Photon reconstruction and identification with the CMS detector in pp collisions at $\sqrt{s} = 7$ TeV
Roberto Salerno (Universita' Milano Bicocca - INFN Milano Bicocca)

01 - Early Experience and Results from LHC

- 16:15 1050 Material Studies with Photon Conversions and Energy Flow at the ATLAS Experiment
Anthony Morley (CERN)
- 16:35 1121 Performance of Jet, Missing Transverse Energy and Tau Reconstruction with ATLAS in pp Collisions at $\sqrt{s} = 7$ TeV
Ariel Schwartzman (SLAC National Accelerator Laboratory)
- 16:55 1124 Performance of Jet and Missing Transverse Energy Reconstruction with CMS in pp Collisions at $\sqrt{s} = 7$ TeV
Joanna Weng (CERN)
- 17:15 825 Performance of the particle flow algorithm in CMS
Florian Beaudette (CERN)
- 17:35 828 Performance of CMS muon reconstruction in pp collisions at $\sqrt{s} = 7$ TeV
Giovanni Petrucciani (Univ. of California, San Diego)
- 17:55 1199 Performance of the ATLAS Muon Spectrometer and of Muon Identification at the LHC
Martin Woudstra (University of Massachusetts)



Thursday, July 22, 2010 Afternoon

Salle 242

05 - Heavy Quarks Properties (experiment and theory)

- 14:00 348 New measurement of b-hadron lifetimes at CDF
Juan Pablo Fernandez (CIEMAT)
- 14:15 357 New suppressed decays of B_{0_s} mesons
Olga Norniella (UIUC)
- 14:30 1204 Measurement of Branching Fraction for $B_s \rightarrow J/\psi f_0(980)$ and Search for $B_s \rightarrow hh$ decays
Jean Wicht (KEK)
- 14:45 1203 Observation of $B_s \rightarrow D_s^{*-} \pi^+$, $B_s \rightarrow D_s^{(*)-} \rho^+$ and $B_s \rightarrow D_s^{(*)+} D_s^{(*)-}$ and Estimate of $\Delta\Gamma_{CP}$ at Belle
Sevda Esen (University of Cincinnati)
- 15:00 1246 Measurement of the Branching Fractions of the Decays $B \rightarrow \bar{D}^{(*)} D^{(*)} K$
Vincent Poireau (Laboratoire d'Annecy-le-Vieux de Physique des Particules (LAPP))
- 15:15 557 Observation and study of Λ_c decays of neutral B mesons
Thomas Hartmann (University of Rostock)

05 - Heavy Quarks Properties (experiment and theory)

- 16:15 254 Decay constants of heavy mesons from QCD sum rules
Dmitri Melikhov (HEPHY & SINP)
- 16:30 393 The b-quark mass and the heavy-strange decay constant from lattice HQET
Nicolas Garron (University of Edinburgh)
- 16:45 802 Are scalar mesons visible in $B^{+-} \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays?
Leonard Lesniak (H. Niewodniczanski Institute of Nuclear Physics PAN, Krakow, Poland)
- 17:00 349 New results on bottom baryons with the CDF II detector
Igor Gorelov (Univ. of New Mexico, USA.)
- 17:15 845 Measurement of the inclusive b production cross section in pp collisions at $\sqrt{s} = 7$ TeV
Lea Michaela Caminada (Institut fuer Teilchenphysik - ETHZ)
- 17:30 864 Measurement of beauty photoproduction using decays into muons in dijet events at HERA
Achim Geiser (DESY)



Thursday, July 22, 2010 Afternoon

Salle 251

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 14:00 45 Two-photon exchange and elastic scattering of positrons/electrons on the proton
Dmitri Nikolenko (Budker Institute for Nuclear Physics)
- 14:15 509 Parton Distributions at the dawn of the LHC
Stefano Forte (Milan University)
- 14:35 48 Dynamical Parton Distributions and Weak Gauge and Higgs Boson Production at Hadron Colliders at NNLO of QCD
Pedro Jimenez-Delgado (University of Zürich)
- 14:50 318 A first unbiased global NLO determination of parton distributions and their uncertainties
Juan Rojo (INFN)
- 15:05 201 PDF sensitivity studies using electroweak processes at LHCb
Ronan McNulty (UNIVERSITY COLLEGE DUBLIN)
- 15:20 183 Consistency of neutrino DIS and the present parton distribution functions.
Hannu Paukkunen (University of Santiago de Compostela)
- 15:35 1159 Combination and QCD Analysis of the HERA F2^{cc} Results
Massimo Corradi (INFN, Sezione di Bologna)

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 16:15 1136 Combination and QCD Analysis of the HERA Inclusive Cross Sections
Voica Ana Maria Radescu (Deutsches Elektronen Synchrotron (DESY))
- 16:35 1169 Charm and Beauty Production from Secondary Vertexing at HERA
Paul Thompson (University of Birmingham)
- 16:55 1163 Charm and Beauty Production from Semileptonic Decays at HERA
Markus Juengst (Universitaet Bonn)
- 17:15 1160 D* (+jets) in Deep Inelastic Scattering and Photoproduction
Andreas Werner Jung (DESY)
- 17:30 1162 D[±], D⁰ and Λ_c^+ Production in Deep Inelastic Scattering at HERA
Philipp Roloff (Deutsches Elektronen-Synchrotron (DESY))
- 17:45 68 Non-linear QCD dynamics and exclusive production in ep collisions
Magno Machado (Universidade Federal do Rio Grande do Sul)



Thursday, July 22, 2010 Afternoon

Salle 252A

12 - Beyond Quantum Field Theory Approaches (including String Theories)

- 14:00 1201 Gravity as an Emergent Force
Erik Verlinde (ITP, University of Amsterdam)
- 14:42 447 Quantum entropy function
Ashoke Sen (Harish-Chandra Research Institute)
- 15:03 931 Multicentered Microstates and Large Quantum Fluctuations
Sheer El-Showk (CEA Saclay)
- 15:24 589 Classical solutions of open string field theory
Martin Schnabl (Institute of Physics AS CR, Prague)

12 - Beyond Quantum Field Theory Approaches (including String Theories)

- 16:15 756 Holography for Schroedinger
Kostas Skenderis (University of Amsterdam)
- 16:45 1161 Towards a novel description of flavor dynamics in holographic QCD
Vasilis Niarchos (University of Crete and Ecole Polytechnique)
- 17:06 933 Recent progress in the AdS₄/CFT₃ correspondence
James Sparks (University of Oxford)
- 17:27 1205 Virtual Compton Scattering off a Spinless Target in the AdS/QCD correspondence
Samuel Wallon (CNRS/LPT Orsay)
- 17:43 159 Planck Scale Cosmology and Asymptotic Safety in Resummed Quantum Gravity
Bennie Ward (Baylor University, Waco, TX, USA)



Thursday, July 22, 2010 Afternoon

Salle 252B

02 - The Standard Model and Electroweak Symmetry Breaking

- 14:00 622 V+jet production at the LHC: Electroweak radiative corrections
Tobias Kasprzik (KIT, Karlsruhe)
- 14:22 1138 WZ cross section and W mass measurement at DZero
Joseph Haley (FNAL)
- 14:42 1137 Studies of WW and WZ production at CDF
viviana cavaliere (INFN Pisa)
- 15:02 1140 Di-boson production and limits on triple gauge boson couplings at the Tevatron
Thomas Phillips (Duke University)
- 15:25 1154 Study of multi-lepton events at HERA
David South (DESY)

02 - The Standard Model and Electroweak Symmetry Breaking

- 16:15 340 Higgs production at the Tevatron: theoretical predictions and uncertainties
Julien Baglio (Theoretical Physics Laboratory, Orsay)
- 16:40 1141 Standard Model low mass Higgs search at CDF
Yoshikazu Nagai (FNAL)
- 17:00 1142 Standard Model low mass Higgs search at DZero
Yuji Enari (LPNHE Paris Universtat VI&VII)
- 17:20 1143 Standard Model high mass Higgs search at CDF
Donatella Lucchesi (INFN Padova)
- 17:40 1144 Standard Model high mass Higgs search at DZero
Boris Tuchming (CEA Saclay)



Thursday, July 22, 2010 Afternoon

Salle 253

08 - Heavy Ion Collisions and Soft Physics at Hadron Colliders

- 14:00 67 The Color Glass Condensate at NLO: Phenomenology at HERA, RHIC and the LHC.
Javier Albacete (IPhT-CEA-Saclay)
- 14:20 184 The present status of the EPS nuclear PDFs
Hannu Paukkunen (University of Santiago de Compostela)
- 14:40 60 Azimuthal correlations of forward di-pions in d+Au collisions suppressed by saturation
Cyrille Marquet (Theory Division - CERN)
- 14:55 72 QCD Factorization at Forward Rapidities
Michal Sumbera (Nuclear Physics Institute ASCR-Acad. of Sciences of the Czech Re)
- 15:10 399 Inclusive Photoproduction of ρ^0 , K^{*0} and ϕ Mesons at HERA
Andrei Rostovtsev (ITEP Institute for Theoretical and Experimental Physics (ITEP)-U)
- 15:25 470 Refining Geometrical Scaling
Robi Peschanski (IPhT, CEA-Saclay)

08 - Heavy Ion Collisions and Soft Physics at Hadron Colliders

- 16:15 1078 LHC data confront Monte Carlo predictions
Frank Krauss (Durham)
- 16:40 918 Identified particle spectra measured by the ALICE experiment in pp collisions at 0.9 and 7 TeV at LHC.
Mercedes Lopez Noriega (IPNO)
- 17:00 839 Measurements of Hadron Production at CMS
Keith Ulmer (University of Colorado)
- 17:20 531 Charged particle multiplicities in inelastic pp events with the ATLAS detector
Alison Lister (University of Geneva)
- 17:40 840 Measurements of Two-Particle Correlations in pp collisions
Stefano Lacaprara (INFN Padova)



Friday, July 23, 2010 Morning

Salle Maillot

02 - The Standard Model and Electroweak Symmetry Breaking

- 09:00 [1068](#) Precision Predictions for Higgs and Top-Quark Pair Production at Hadron Colliders
Matthias Neubert (Mainz University)
- 09:20 [1135](#) Studies of top quark properties at the DZero experiment
Viatcheslav Sharyy (CEA-Saclay)
- 09:45 [1134](#) Studies of top quark properties at CDF
Andrew Eppig (Harrison M. Randall Laboratory)
- 10:10 [869](#) Electroweak non-resonant corrections to $e^+ e^- \rightarrow W^+ W^- b \bar{b}$ in the $t \bar{t}$ resonance region
Pedro Ruiz-Femenia (RWTH Aachen University)

02 - The Standard Model and Electroweak Symmetry Breaking

- 11:00 [1129](#) Measurement of the top quark mass and width with CDF detector
Hyunsu Lee (University of Chicago)
- 11:25 [1130](#) Precision measurement of the top quark mass and width with the DZero detector
Alexander Grohsjean (Ludwig-Maximilians-Univ. Muenchen)
- 11:50 [1151](#) Top quark study at CMS
Tim Christiansen (CERN)
- 12:10 [1150](#) Top quark studies with ATLAS
Arnaud Lucotte (LPSC Laboratoire de Physique Subatomique et de Cosmologie (LPSC))



Friday, July 23, 2010 Morning

Salle 242A

06 - CP violation, CKM and Rare Decays

- 09:00 907 The new $KL \rightarrow \pi^0 \nu \nu$ Experiment (KOTO) at J-PARC
Hiroaki Watanabe (KEK)
- 09:15 53 Measurement of $BR(K \rightarrow e \nu)/BR(K \rightarrow \mu \nu)$ at NA62
Andreas Winhart (Institut für Physik)
- 09:30 196 Analysis of the MEG experiment to search for $\mu^+ \rightarrow e^+ \gamma$ decays
Ryu Sawada (The University of Tokyo)
- 09:45 1091 Search for lepton flavour violating tau decay and lepton-number violation B decay at Belle
Kiyoshi Hayasaka (Nagoya Univ.)
- 10:00 1093 Tau lifetime and CP violation in tau decay at Belle
Mikhail Shapkin (IHEP)
- 10:15 1173 Measurements of $|V_{us}|$ and Second Class Currents and Searches for Violation of Lepton Universality and CPT in Tau Decays at BABAR
Alberto Lusiani (INFN)

06 - CP violation, CKM and Rare Decays

- 11:00 930 Quark and Lepton Evolution Invariants in the Standard Model
Paul Harrison (University of Warwick)
- 11:15 581 Search for $B \rightarrow \tau \nu$
De Nardo Guglielmo (Napoli University and INFN)
- 11:28 1097 $B \rightarrow \tau \nu$ & $B \rightarrow D^{(*)} \tau \nu$ decays at Belle
Jacek Stypuła (H. Niewodniczański Institute of Nuclear Physics Kraków)
- 11:45 1098 Search for D and B leptonic decays at Belle
marko staric (J. Stefan Institute, Ljubljana, Slovenia)
- 12:00 884 New upper limit on the decay $B_s \rightarrow \mu \mu$ from D^0
Brendan Casey (Fermilab)
- 12:13 1084 Search for New Physics with Rare Heavy Flavour Decays at LHCb
Giampiero Mancinelli (Centre de Physique des Particules de Marseille (CPPM)-Universite)



Friday, July 23, 2010 Morning

Salle 242B

10 - Beyond the Standard Model (theory and experimental searches)

- 09:00 308 A Review of the Mass Measurement Techniques proposed for the Large Hadron Collider
Christopher Gorham Lester (University of Cambridge)
- 09:25 1088 Early LHC data preparations for beyond-the-standard-model searches at CMS
Didar Dobur (University of Florida)
- 09:45 872 Z' discovery potential at the LHC in the minimal B-L model
Lorenzo Basso (Rutherford Appleton Laboratory - STFC)
- 10:05 1099 Early Searches with Leptons and Photons with the ATLAS Detector at the LHC
Dominique Fortin (TRIUMF)

10 - Beyond the Standard Model (theory and experimental searches)

- 11:00 123 Spin determination of single-produced resonances at the LHC
Nhan Viet Tran (Rowland Dept. of Phys. and Astron.-Johns Hopkins University)
- 11:15 893 Search for Color Sextet Scalars in Early LHC Experiments
Edmond Berger (ANL)
- 11:30 849 Search for stopped gluinos and Heavy Stable Charged Particles at CMS in pp collisions at $\sqrt{s}=7$ TeV
Jim Brooke (H.H. Wills Physics Laboratory)
- 11:50 1100 Searches for Exotic Long-lived Particles using Early Data from the ATLAS Detector at the LHC
Pasquale-Fabrizio Salvatore (University of Sussex)
- 12:10 1087 Impact of squark generation mixing on the search for squarks and gluinos at LHC
Keisho Hidaka (Tokyo Gakugei University)



Friday, July 23, 2010 Morning

Salle 251

01 - Early Experience and Results from LHC

- 09:00 304 First Data from the TOTEM experiment at LHC
Francesco Cafagna (Univ. + INFN Bari)
- 09:15 860 Early Physics with the LHCf detector at LHC
Alessia Tricomi (Dipartimento di Fisica)
- 09:30 1056 First Physics Results from ALICE
Iouri BELIKOV (IPHC, CNRS-IN2P3)
- 10:00 1055 First Physics Results from LHCb
Sheldon STONE (Syracuse)

01 - Early Experience and Results from LHC

- 11:00 1053 First Results from ATLAS on QCD, Quarkonia, and Heavy-Flavour Physics in proton-proton Collisions at $\sqrt{s}=7$ TeV
Julie Kirk (RAL)
- 11:25 1054 First Results from CMS on QCD, Quarkonia, and Heavy-Flavour Physics in proton-proton Collisions at $\sqrt{s}=7$ TeV
Sara Bolognesi (CERN)
- 11:50 1158 W and Z boson production at CMS in pp collisions at $\sqrt{s}=7$ TeV
Maria Cepeda (CIEMAT (Madrid))
- 12:10 1057 First Results from ATLAS on W and Z Boson Production in proton-proton Collisions at $\sqrt{s}=7$ TeV
Jan Kretschmar (University of Liverpool)



Friday, July 23, 2010 Morning

Salle 252A

09 - Progress in Lattice Techniques and New Results

- 09:00 323 Light quarks on the lattice: methods and results for pion physics
Stefan Schaefer (Humboldt University Berlin)
- 09:35 366 Lattice studies of hadron physics with disconnected quark loops
Takashi Kaneko (KEK)
- 10:00 1226 Leading order hadronic contribution to $g-2$ from lattice QCD
Dru Renner (DESY, Zeuthen)

09 - Progress in Lattice Techniques and New Results

- 11:00 301 The QCD phase diagram at low baryon density from lattice simulations
Owe Philipsen
- 11:35 1234 Origin of Mass, Strong Dynamics and the Lattice
George Fleming (Yale University)
- 12:05 390 Effects of a potential fourth fermion generation on the upper and lower Higgs boson mass bounds
Philipp Gerhold (Humboldt-University Berlin)



Friday, July 23, 2010 Morning

Salle 252B

03 - Perturbative QCD, Jets and Diffractive Physics

- 09:00 1030 Monte Carlo tools for the LHC
Frank Krauss (University of Durham)
- 09:30 146 Multi-jet merging with NLO matrix elements
Frank Siegert (IPPP Durham and UC London)
- 09:50 195 Monte Carlo modelling of NLO DGLAP QCD Evolution in the fully unintegrated form
Aleksander Kusina (Institute of Nuclear Physics PAN)
- 10:10 66 HERWIRI1.031: New Approach to Parton Shower MC's in Precision QCD Theory
Bennie Ward (Baylor University)

03 - Perturbative QCD, Jets and Diffractive Physics

- 11:00 181 Probing the theoretical description of central exclusive production
tim coughlin (university college london)
- 11:20 1166 Exclusive Processes at HERA
Armen Bunyatyan (DESY)
- 11:50 267 Exclusive processes beyond leading twist: $\gamma^*T \rightarrow \rho T$ impact factor with twist three accuracy
Lech Szymanowski (Soltan INS, Warsaw)
- 12:10 189 Exclusive Higgs production at the LHC
Christophe Royon (SPP CEA Saclay)



Friday, July 23, 2010 Morning

Salle 253

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 09:00 1171 Charged Particle Distributions in Deep Inelastic Scattering and Photoproduction
Daniel Traynor (Queen Mary, Univ. of London)
- 09:15 1183 Light Mesons and Strange Particle Production at HERA
Leszek Zawiejski (Institute of Nuclear Physics PAN)
- 09:30 1184 Charm Fragmentation and Excited Charm Meson Production at HERA
Olaf Behnke (DESY)
- 09:45 1131 Particle Production Studies at LHCb
Chris Blanks (Imperial College)
- 10:00 636 Recent STAR results and future prospects of $W^{-(+)}$ boson production in polarized p+p collisions at RHIC
Bernd Surrow (MIT)
- 10:15 1013 Parity violating single spin asymmetry in W production from longitudinally polarized p+p collisions at 500 GeV
John Haggerty (Brookhaven National Laboratory)

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 11:00 887 Recent Developments in Hadron Spectroscopy
Ted Barnes (ORNL)
- 11:20 1209 KLOE Results and Hadron Physics with KLOE-2
Paolo Gauzzi (Universita di Roma I "La Sapienza")
- 11:40 1125 Rare and Radiative Kaon Decays from the NA48 Experiment
Vladimir Kekelidze (Joint Institute for Nuclear Research (JINR))
- 12:00 1022 Hadron Spectroscopy at COMPASS
Frank Nerling (Fakultaet fuer Physik)
- 12:15 134 Study light scalar mesons from heavy quark decays
Cai-Dian Lu (IHEP, Beijing)



Friday, July 23, 2010 Afternoon

Salle Maillot

10 - Beyond the Standard Model (theory and experimental searches)

- 14:00 903 Supermodels: Early new physics at the LHC?
Zoltan Ligeti (Lawrence Berkeley National Laboratory)
- 14:20 541 Early Searches with Jets with the ATLAS Detector at the LHC
Georgios Choudalakis (University of Chicago, Enrico Fermi Institute)
- 14:40 847 Search for new Physics in the dijet mass spectrum and dijet ratio in pp Collisions at $\sqrt{s} = 7$ TeV
Konstantinos Kousouris (Fermilab)
- 15:00 174 Effective operators in top physics
Juan Antonio Aguilar Saavedra (University of Granada and LIP)
- 15:20 1102 Search for T-Tbar Resonances at the Tevatron
Nathan Goldschmidt (Univ. of Florida)

10 - Beyond the Standard Model (theory and experimental searches)

- 16:15 1106 Searches for Massive T' quark decaying to $W + b$ at the Tevatron
Alison Lister (University of Geneva)
- 16:35 326 Model independent analysis of the forward-backward asymmetry of top quark production at the Tevatron
Pyungwon Ko (KIAS)
- 16:55 1170 Search for Same Sign Charge Dilepton Events and WZ resonances at the Tevatron
Adam Lyon (FERMI NATIONAL ACCELERATOR LABORATORY)
- 17:15 314 The global electroweak fit and constraints on new physics
Doerthe Ludwig (DESY)
- 17:35 909 Possible early signs of warped space at the LHC
Amarjit Soni (BNL)



Friday, July 23, 2010 Afternoon

Salle 242A

06 - CP violation, CKM and Rare Decays

- 14:00 559 Dalitz-plot analysis of $B^0 \rightarrow \text{anti-}D^0 \pi^+ \pi^-$
Thomas Latham (University of Warwick)
- 14:15 1094 CP and CPT Violation in B decays at Belle
Takeo Higuchi (KEK)
- 14:32 1095 Measurements of Charmless B Decays at Belle
Min-Zu Wang (Physics Department-National Taiwan University (NTU))
- 14:45 1174 Studies of Charmless Hadronic B-meson Decays at BABAR
Alessandro Gaz (Department of Physics-University of Colorado)
- 15:00 211 Prospects for CP violation measurements with charmless hadronic B meson decays at LHCb gamma measurements
Ignacio De Bediaga Hickman (Centro Bras. de Pesquisas Fisicas (CBPF))
- 15:13 210 Studies of charmed hadronic B decays with early LHCb data and prospects for gamma measurements
Susan Haines (University of Cambridge)
- 15:26 702 Quantum-correlated D-decays at CLEO-c
Guy Wilkinson (Nuclear Physics Laboratory)

06 - CP violation, CKM and Rare Decays

- 16:15 1175 Measurements of the CKM angle γ at BABAR
Fernando Martinez-Vidal (Universidad de Valencia)
- 16:30 1096 Hadronic $b \rightarrow c$ decays at Belle
Nikhil Jayant Joshi (Tata Institute of Fundamental Research, Mumbai)
- 16:45 1082 Precision measurements of Direct CP violation and D^0 - D^0 bar mixing at CDF
Mark Edward Mattson (Dept of Physics and Astronomy-Wayne State U.)
- 17:00 1172 D^0 - D^0 bar Mixing and CP Asymmetry Measurements at BABAR
Matthew Bellis (Stanford University)
- 17:15 1092 CP violation and mixing in charm decays at Belle
Byeong Rok Ko
- 17:30 208 Results and prospects for Charm Physics at LHCb
Ivan Belyaev (Institute for Theoretical and Experimental Physics (ITEP))
- 17:45 142 Extracting CP violation and strong phase in D decays by using quantum correlations in $\psi(3770) \rightarrow D^0 D^0\text{bar} \rightarrow (V_{12}V_{34})(V_{34}V_{12})$ and $\psi(3770) \rightarrow D^0 D^0\text{bar} \rightarrow$
Xian-Wei Kang (IHEP,China)



Friday, July 23, 2010 Afternoon

Salle 242B

03 - Perturbative QCD, Jets and Diffractive Physics

- 14:00 136 High-energy amplitudes in the next-to-leading order
Ian Balitsky (JLab/ODU)
- 14:17 1168 Inclusive Diffraction at HERA
Paul Richard Newman (School of Physics and Astronomy-University of Birmingham)
- 14:37 307 First complete NLL BFKL calculation of Mueller Navelet jets at LHC
Samuel Wallon (LPT, Université Paris-Sud, CNRS, Orsay and UPMC Univ. Paris 06)
- 14:54 1017 Forward jets and energy flow in hadron-hadron collisions
Francesco Hautmann (University of Oxford)
- 15:11 280 Characteristics and Estimates of Double Parton Scattering at the Large Hadron Collider
Edmond Berger (ANL)
- 15:28 330 Hard diffractive scattering from soft color screening effects
Roman Pasechnik (Uppsala University)

03 - Perturbative QCD, Jets and Diffractive Physics

- 16:15 266 Status of Higher Order QCD calculations
Aude Gehrmann-De Ridder (ETH Zurich)
- 16:35 185 Higgs boson production at LHC to NNLO accuracy and finite top quark mass effects
Matthias Steinhauser (KIT)
- 16:52 168 NLO QCD corrections to $pp \rightarrow t \text{ anti-}t b \text{ anti-}b$
Stefan Dittmaier (Universitaet Freiburg)
- 17:09 377 Top-Antitop Production at Hadron Colliders
Roberto Bonciani (LPSC, Grenoble)
- 17:26 129 NNLL resummation for QCD cross sections
Nikolaos Kidonakis (Kennesaw State University)
- 17:43 382 Adler Function, DIS sum rules and the Crewther Relation in order α_s^4
Konstantin Chetyrkin (Karlsruhe Institute of Technology (KIT))



Friday, July 23, 2010 Afternoon

Salle 251

07 - Neutrinos

- 16:15 987 Search for neutrinoless double beta decay with NEMO-3
Christine MARQUET (CENBG University Bordeaux I and CNRS)
- 16:35 1014 CUORICINO and CUORE: present and future of ^{130}Te neutrinoless double beta decay searches
Angelo Nucciotti (Univ. Milano-Bicocca and INFN Sez. Milano-Bicocca)
- 16:55 1060 A brief review of Leptogenesis
Marta Losada (Universidad Antonio Narino, Bogota, Colombia)
- 17:15 161 Status of the EXO double beta decay search
Carter Hall (University of Maryland)
- 17:30 816 The NEXT experiment: a high-pressure xenon gas (HPGXe) TPC for the search of neutrinoless double-beta decay.
Alfredo Tomas (University of Zaragoza)
- 17:45 132 Leptogenesis constraints from flavour symmetry induced Lepton Mixing
Ivo de Medeiros Varzielas (CFTP, Instituto Superior Técnico)

11 - Particle Astrophysics and Cosmology

- 14:00 263 Cosmology with Wide Field Astronomy
Marc Moniez (IN2P3-CNRS)
- 14:20 265 Modified Gravity and Degravitation
Claudia de Rham (Geneva University)
- 14:40 278 The CHASE laboratory search for chameleon dark energy
Jason Steffen (Fermilab)
- 14:55 368 Dark Energy density in Split SUSY models inspired by degenerate vacua
Roman Nevezorov (University of Hawaii)
- 15:10 372 Reheating Temperature after Inflation in String-inspired Supergravity
Mitsuo J. Hayashi (Tokai University)
- 15:25 1089 Gravitational wave detectors: First astrophysical results and path to next generation
Fabien Cavalier (Laboratoire de l'Accelérateur Lineaire Orsay)



Friday, July 23, 2010 Afternoon

Salle 252A

09 - Progress in Lattice Techniques and New Results

- 14:00 338 Recent progress on nuclear potentials from lattice QCD
Sinya Aoki (University of Tsukuba)
- 14:30 274 The excited hadron spectrum in lattice QCD using a new variance reduction method
Colin Morningstar (Carnegie Mellon University)
- 14:55 346 Nucleon Structure using twisted mass fermions
Constantia Alexandrou (University of Cyprus)
- 15:20 1228 α_s from Lattice QCD: progresses and perspectives for a realistic full-QCD determination of the running Strong coupling
Jose Rodriguez-Quintero (University of Huelva)

09 - Progress in Lattice Techniques and New Results

- 16:15 432 Continuum limit results from 2+1 flavor Domain Wall QCD
Enno E. Scholz (University of Regensburg)
- 16:45 284 Recent results from heavy flavour physics on the lattice
Michele Della Morte (Institut fuer Kernphysik, Mainz)
- 17:15 560 Heavy flavour phenomenology from lattice QCD
Elvira Gamiz (Fermilab)
- 17:45 223 Towards the continuum limit of the lattice Landau-gauge gluon and ghost propagators.
Igor Bogolubsky (JINR)



Friday, July 23, 2010 Afternoon

Salle 252B

02 - The Standard Model and Electroweak Symmetry Breaking

- 14:00 927 Higgs production at the Tevatron and LHC
Giampiero Passarino (Torino University)
- 14:25 1145 Search for Standard Model Higgs boson in gamma gamma final state at the Tevatron
Krisztian Peters (FNAL)
- 14:45 1146 Search for Standard Model Higgs boson in di-tau final state at the Tevatron
Pierluigi Totaro (INFN-Sezione di Trieste)
- 15:05 1147 Beyond Standard Model Higgs bosons searches at the Tevatron
Abid Patwa (Brookhaven National Laboratory (BNL))
- 15:25 360 Associated b Quark-Higgs Boson Production at the LHC
Sally Dawson (BNL)

02 - The Standard Model and Electroweak Symmetry Breaking

- 16:15 313 Status of the global fit to electroweak precisions data, and constraints on the Higgs boson
Martin Goebel (DESY - University of Hamburg)
- 16:35 1149 Combination of Standard Model and beyond Standard model Higgs searches at DZero
Michael Mulhearn (University of Virginia)
- 16:57 1148 Combination of Standard Model and beyond Standard model Higgs searches at CDF
Karolos Potamianos (Purdue University)
- 17:19 492 ATLAS Higgs Sensitivity for 1/fb of data at the LHC running at 7 TeV
Tatsuya Masubuchi (University of Tokyo)
- 17:39 857 Propects for Higgs boson searches with CMS
Marat Gataullin (Caltech)



Friday, July 23, 2010 Afternoon

Salle 253

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 14:00 235 Study of $a_0(980)$ - $f_0(980)$ mixing at BESIII and study of charged kappa at BESII
Beijing Liu (Institute of High Energy Physics (CAS) and Hong Kong University)
- 14:10 1210 New Observations on Light Hadron Spectroscopy at BESIII
huang yanping (IHEP)
- 14:25 1126 Studies with Initial State Radiation at BABAR
Evgeniy Solodov (BudkerINP)
- 14:40 1127 Recent Results on Two-photon Physics at BABAR
Vladimir Druzhinin (SLAC)
- 14:55 231 Axial Anomaly and Transition Formfactors
Oleg Teryaev (Joint Inst. for Nuclear Research (JINR))
- 15:05 1185 Particle Production in Two-Photon Collisions at Belle
Hideyuki Nakazawa (National Central University)
- 15:20 1076 Tetraquark interpretation of $e^+ e^- \rightarrow \text{Upsilon} \pi^+ \pi^-$ Belle data and $e^+ e^- \rightarrow b \bar{b}$ Babar data
Ahmed Ali (DESY)
- 15:35 993 Hadronic Molecules
Pablo G Ortega (University of Salamanca)

04 - Hadronic Structure, Parton Distributions, soft QCD, Spectroscopy

- 16:15 1128 Studies of Radiative Decays and Search for $X(3872)$ at BABAR
Arafat Gabareen Mokhtar (SLAC / Stanford University)
- 16:30 1217 Charmed Hadron Physics at Babar
Jose Benitez (SLAC National Accelerator Laboratory)
- 16:45 1187 Studies of Radiative Decays and $X(3872)$ production at Belle
Ian Watson (University of Sydney)
- 17:05 1211 Studies of Upsilon Decays at Belle
Mauro Verzetti (Università e INFN Torino)
- 17:25 1192 Exotic $J/\psi \Phi$ Structures and Search for the $Z(4430)^+$ State at CDF
Kai Yi (Physics and Astronomy Department-University of Iowa)
- 17:40 354 Charm baryon spectroscopy at CDF
Felix Wick (Karlsruhe)



Saturday, July 24, 2010 Morning

Salle Maillot

11 - Particle Astrophysics and Cosmology

- 09:00 619 Results from the Final Runs of the CDMSII Experiment
Marek Kos (Syracuse University/CDMS)
- 09:20 257 Dark Matter Searches with Germanium Detectors with sub-keV Sensitivities
Shin-Ted Lin (Academia Sinica)
- 09:35 834 A search for weakly interacting dark matter with the LUX experiment
Carter Hall (University of Maryland)
- 09:50 162 WIMPless Dark Matter: Models and Signatures
Jason Kumar (University of Hawaii)
- 10:10 328 Electroweak symmetry breaking and cold dark matter from strongly interacting hidden sector
Pyungwon Ko (KIAS)

11 - Particle Astrophysics and Cosmology

- 11:00 49 Dark matter signature from the sky and at colliders
Shou-Hua Zhu (ITP, Peking University)
- 11:20 517 Recent Results from the Fermi Gamma-ray Space Telescope
Robert Johnson (University of California at Santa Cruz)
- 11:40 898 Indirect Dark Matter searches with H.E.S.S.
Jean-Francois Glicenstein (CEA)
- 12:00 362 Antiparticle Detection in Space for Dark Matter Search: the PAMELA Experiment
Oscar Adriani (INFN Firenze)
- 12:15 244 The CAST experiment: status and perspectives
Esther Ferrer Ribas (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))



Saturday, July 24, 2010 Morning

Salle 242A

06 - CP violation, CKM and Rare Decays

- 09:00 [1177](#) Measuring $b \rightarrow s\gamma$, $b \rightarrow d\gamma$ and $|V_{td}/V_{ts}|$ at BaBar
Deborah Bard (SLAC)
- 09:15 [135](#) Power suppressed effects in $B_{\text{bar}} \rightarrow X_s \gamma$ at $O(\alpha_s)$
Soumitra Nandi (University of Torino)
- 09:30 [944](#) Measurement of the decay $B^0 \rightarrow \pi^- l^+ \nu$ in untagged events and determination of $|V_{ub}|$ at Belle
Hyuncheong Ha (Korea University)
- 09:45 [1180](#) Measurements of Semileptonic Light Quark B-meson Decays and the Determination of the CKM element $|V_{ub}|$ at BABAR
H. Wells Wulsin (SLAC)
- 10:00 [732](#) Measurements of Partial Branching Fractions for $B \rightarrow X_u l \text{ anti-}\nu$ and Determination of $|V_{ub}|$
Michael Sigamani (Queen Mary College)
- 10:15 [870](#) Towards a global fit to extract the $B \rightarrow X_s \gamma$ rate and $|V_{ub}|$
Florian Bernlochner (Humboldt University of Berlin)

06 - CP violation, CKM and Rare Decays

- 11:00 [943](#) Measurement of the decay $B \rightarrow D^{*+} l^+ \nu$ and determination of $|V_{cb}|$ at Belle
Wolfgang Dungen (Austrian Academy of Sciences)
- 11:15 [1179](#) Measurements of Semileptonic B mesons decays to Charm and the Determination of the CKM element $|V_{cb}|$ at BABAR
Antonio Petrella (INFN, Sezione di Ferrara-Universita di Ferrara)
- 11:30 [983](#) Improved Measurement of the Electroweak Penguin Process $B \rightarrow X_s l^+ l^-$
Cheng-Chin Chiang (National Taiwan University)
- 11:45 [1178](#) Studies of Flavour Changing Neutral Currents at BABAR
Kevin Flood (University of Wisconsin)
- 12:00 [1020](#) New Physics Sensitivity of the Rare Decay $B \rightarrow K^{*+} l^+ l^-$
Tobias Hurth (CERN/Mainz Univ.)
- 12:15 [969](#) Observation of Radiative $B^0 \rightarrow \phi K^0 \gamma$ Decays and Measurements of time-dependent CP violation
Himansu Sahoo (University of Hawaii)



Saturday, July 24, 2010 Morning

Salle 242B

10 - Beyond the Standard Model (theory and experimental searches)

- 09:00 904 Recent Progress in SUSY GUTs
Kaladi Babu (Oklahoma State University)
- 09:20 309 Search for Nucleon Decays in Super-Kamiokande
Makoto Miura (ICRR)
- 09:40 662 Geometrical Origin of CP Violation and CKM and MNS Matrices in $SU(5) \times T'$
Kalyana Mahanthappa (University of Colorado)
- 09:55 475 Sparticle masses from transverse mass kinks at the LHC: the case of Yukawa Unified SUSY GUTs
Diego Guadagnoli (Technical University Munich)
- 10:10 1112 The Search for New Physics at HERA
Gerhard Immanuel Brandt (Deutsches Elektronen-Synchrotron (DESY))

10 - Beyond the Standard Model (theory and experimental searches)

- 11:00 140 Fermion mass hierarchy and new physics at the TeV scale
Satyanarayan Nandi (Oklahoma State University)
- 11:20 1111 Searches for New Physics at the B-Factories
Swagato Banerjee (University of Victoria)
- 11:40 262 Can the Supersymmetric Flavour Problem decouple in case of a Non Standard Supersymmetric Spectrum?
Paolo Lodone (Scuola Normale Superiore of Pisa)
- 12:00 1109 Search for Supersymmetry and R-Parity violating Supersymmetry at the Tevatron
Eva Halkiadakis (Rutgers University)



Saturday, July 24, 2010 Morning

Salle 251

07 - Neutrinos

- 09:00 310 Recent results on atmospheric neutrino oscillation from Super-Kamiokande
Yoshihisa Obayashi (Kamioka Observatory, ICRR, Univ. of Tokyo)
- 09:20 242 Solar neutrino and terrestrial antineutrino fluxes measured with Borexino at LNGS
sandra zavatarelli (INFN Genova Italy)
- 09:40 914 KamLAND double beta experiment using ^{136}Xe
Masayuki Koga (Tohoku University)
- 10:00 180 Self interactions of Supernova neutrinos
Antonio Marrone (Univ. of Bari & INFN Bari)
- 10:15 595 Status Update for the MINERvA Experiment
Gabriel Perdue (The University of Rochester)

07 - Neutrinos

- 11:00 334 The Double Chooz reactor neutrino experiment
Masaki Ishitsuka (Tokyo Institute of Technology)
- 11:15 250 Current Status of RENO Experiment
Soo-Bong Kim (Seoul National University)
- 11:30 246 Status of the Daya Bay Reactor Neutrino Oscillation Experiment
Cheng-Ju Lin (Lawrence Berkeley National Lab)
- 11:45 258 Sensitivity Enhancement for the Searches of Neutrino Magnetic Moments through Atomic Ionization
Hau-Bin Li (Academia Sinica)
- 12:00 596 Experiment GEMMA: Search for the Neutrino Magnetic Moment
Viacheslav Egorov (JINR)
- 12:15 139 New mechanism for neutrino mass generation and triply charged Higgs bosons at the LHC
Satyanarayan Nandi (Oklahoma State University)



Saturday, July 24, 2010 Morning

Salle 252A

13 - Advances in Instrumentation and Computing for HEP

- 09:00 193 Performance of the MEG detector to search for $\mu^+ \rightarrow e^+ \gamma$ decays at PSI
Toshiyuki Iwamoto (The University of Tokyo)
- 09:20 1195 CALICE results and future plans
Imad Laktineh (Lyon)
- 09:45 1223 Experience with CMS Offline and Computing from Commissioning to Collisions
Markus Klute (Massachusetts Institute of Technology)
- 10:05 1225 ATLAS Computing: From Commissioning to 7TeV Data
Graeme Andrew Stewart (University of Glasgow)

13 - Advances in Instrumentation and Computing for HEP

- 11:00 843 High energy photon production in bent crystals: status and perspectives.
Said Hasan (Universita dell'Insubria - Como and INFN Milan-Bicocca)
- 11:20 361 The ATLAS High Level Trigger Configuration and Steering Software; Experience with 7 TeV Collisions.
Simon George (Royal Holloway)
- 11:35 744 The CMS Level 1 Triggersystem - functionality and performance
Herbert Rohringer (Institut fuer Hochenergiephysik (HEPHY) - Oesterreichische Akad.)
- 11:50 736 The KLOE-2 experiment at DAFNE upgraded in luminosity.
Flavio Archilli (University of Rome Tor Vergata)
- 12:10 996 Detectors for leptonic CP violation at the Neutrino Factory
Andrew Laing (University of Glasgow)



Saturday, July 24, 2010 Morning

Salle 252B

03 - Perturbative QCD, Jets and Diffractive Physics

- 09:00 1034 Direct photon production with effective field theory
Thomas Becher (University of Bern)
- 09:20 1165 Direct Photons at HERA
Juan Terron (DESY)
- 09:40 1214 Direct Photon Results from Tevatron
Konstantinos Vellidis (Fermilab)
- 10:00 837 Isolated Photons at CMS
Rong-Shyang Lu (Physics Department - National Taiwan University (NTU))
- 10:15 503 Evidence of prompt isolated photons with the ATLAS detector
Junji Tojo (KEK)

03 - Perturbative QCD, Jets and Diffractive Physics

- 11:00 1212 Soft QCD results from the D0 experiment
Gilvan Augusto Alves (Centro Bras. de Pesquisas Fisicas (CBPF))
- 11:20 1191 Soft QCD Results from CDF
Christina Mesropian (Rockefeller University)
- 11:40 1216 Underlying Event Studies and Forward Physics at CMS
Paolo Bartalini (NTU)
- 12:05 1188 Underlying Event studies and Monte Carlo tunes for inelastic pp events with the ATLAS detector
Emily Nurse (FNAL)



Saturday, July 24, 2010 Morning

Salle 253

05 - Heavy Quarks Properties (experiment and theory)

- 09:00 50 Charm mixing in the Standard Model
Markus Bobrowski (University of Regensburg)
- 09:15 984 Semileptonic D Meson Decays from CLEO-c
David Cassel (Cornell University)
- 09:30 1237 Charm Physics at SuperB
Brian Meadows (University of Cincinnati)
- 09:45 1247 Search for the decays $B^+ \rightarrow D^+ K^{*0}$
Xavier Prudent (Inst. fuer Kern- und Teilchenphysik (IKTP)-Technische Universita)
- 10:00 1064 Open charm via D mesons using the ALICE detector at CERN-LHC
Grelli Alessandro (Utrecht)
- 10:15 1230 Studies of D_s decays at Babar
Marco Pappagallo (Universita & INFN, Bari)

14 - Future Machines and Projects

- 11:00 590 The Global Design Effort for the International Linear Collider
Barry Barish (CalTech)
- 11:25 1029 Governance of the International Linear Collider Project
Brian Foster (University of Oxford)
- 11:40 1027 CLIC Progress and Status
Daniel Schulte (CERN)
- 12:05 1033 Present Limits and Future Prospects for Dielectric Acceleration
Eric R. Colby (SLAC)



Saturday, July 24, 2010 Afternoon

Salle Maillot

07 - Neutrinos

- 14:00 384 Results from the first T2K physics run
Eric D. Zimmerman (University of Colorado)
- 14:20 428 An Update of Neutrino Interactions in the OPERA Long Baseline Experiment in the CERN-LNGS Beam
Pasquale Migliozzi (Istituto Nazionale di Fisica Nucleare (INFN))
- 14:40 1062 New neutrino interactions at large colliders
Francisco Del Aguila (Facultad de Fisica)
- 15:00 997 Hadron production measurements for neutrino experiments by the NA61/SHINE experiment at CERN
Sandro Bravar (Section de Physique - Univ. de Genève)
- 15:15 118 The ArgoNeuT Experiment
Joshua Spitz (Yale University)
- 15:30 615 Update to the Bodek-Yang Unified Model for Electron- and Neutrino- Nucleon Scattering Cross Sections
Arie Bodek (University of Rochester)

07 - Neutrinos

- 16:15 637 Latest results from the MINOS experiment
Justin Evans (University College London)
- 16:40 1063 Theoretical Frameworks for Neutrino Masses
Ferruccio Feruglio (Dipartimento di Fisica Galileo Galilei)
- 17:00 306 New Observations by the MiniBooNE Experiment
Geoffrey Mills (LANL)
- 17:20 1061 Neutrinos and Supernova
Basudeb Dasgupta (Ohio State University)
- 17:40 906 Radiative generation of neutrino masses and its experimental signals
Kaladi Babu (Oklahoma State University)



Saturday, July 24, 2010 Afternoon

Salle 242A

06 - CP violation, CKM and Rare Decays

- 13:50 886 Evidence for an anomalous like-sign dimuon charge asymmetry
Bruce Hoeneisen (Universidad San Francisco de Quito)
- 14:10 1182 Implications of the dimuon CP asymmetry in $B_{\{d,s\}}$ decays
Gilad Perez (Weizmann Institute)
- 14:30 350 New measurement of the B_{0_s} mixing phase at CDF
Gavril Giurgiu (Johns Hopkins)
- 14:45 1083 CP violation studies in the B_0 s system at D0
Rick Van Kooten (Physics Department-Indiana University)
- 15:00 191 S-waves and the measurement of β_s in B_s decays
Sheldon Stone (Syracuse University)
- 15:15 358 Search for non-standard model physics in rare decays at CDF
Marco Rescigno (Istituto Nazionale di Fisica Nucleare Sezione di Roma 1)
- 15:30 209 Prospects for CP violation in $B_{0_s} \rightarrow J/\psi \phi$ from first LHCb data
Gerhard Raven (NIKHEF)

06 - CP violation, CKM and Rare Decays

- 16:05 922 Flavor Physics in a Warped Extra Dimension
Matthias Neubert (Johannes Gutenberg University Mainz)
- 16:20 444 Status of flavor constraints on beyond the Standard Model scenarios
Nazila Mahmoudi (LPC Clermont-Ferrand)
- 16:34 1219 $J/\psi \rightarrow \mu\mu$ from 7 TeV pp collisions in ATLAS: performance with the first data
Andreas Korn (Lawrence Berkeley National Laboratory (LBNL))
- 16:47 1218 $J/\psi \rightarrow \mu\mu$ from 7 TeV pp collisions in ATLAS: physics with the first data
Andy Nelson (Iowa State University)
- 17:00 772 A brief (p)review on a possible fourth generation world to come
George Wei-Shu Hou (National Taiwan University (NTU))
- 17:15 1007 Status and Prospects of SuperKEKB and Belle II
Yutaka Ushiroda (KEK)
- 17:30 190 CKMfitter Summer 2010 collection: The CKM Matrix Status and sensitivity to New Physics
Stéphane T'Jampens (LAPP (Université de Savoie et CNRS/IN2P3))
- 17:45 1081 Unitarity Triangle Analysis within and beyond the SM
Cecilia Tarantino (Technical University Munich)



Saturday, July 24, 2010 Afternoon

Salle 242B

10 - Beyond the Standard Model (theory and experimental searches)

- 14:00 1104 Signature based Searches for new physics involving photons at the Tevatron
Robert Blair (ANL (HEP Div.))
- 14:20 169 Vanishing Dimensions and Planar Events at the LHC
Greg Landsberg (Brown University)
- 14:40 1108 Search for Leptoquarks and Technicolor at the Tevatron
Gerald Grenier (IPN Lyon)
- 15:00 172 Hidden fine tuning in the quark sector of little higgs models
Benjamin Grinstein (University of California San Diego and CERN)
- 15:20 1107 Searches for W' and b' at the Tevatron
Luca Scodellaro

10 - Beyond the Standard Model (theory and experimental searches)

- 16:15 1110 Search for Massive Long Lived Particles, quirks, and potential valleys at the Tevatron
Yunhe Xie (Fermilab)
- 16:35 889 Non-universal, Non-anomalous $U(1)'$ in a Model with Anomaly-Mediated SUSY Breaking
Mu-Chun Chen (University of California at Irvine)
- 16:55 1105 Searches for Gauge Mediated Supersymmetry at the Tevatron
Pierre Lutz (CEA Orsay)
- 17:15 1086 Dirac Neutralinos and Electroweak Scalar Bosons of $N=1/N=2$ Hybrid Supersymmetry at Colliders
Jan Kalinowski (Inst. Theor. Physics, University of Warsaw)
- 17:35 1113 Di-photon, and Di-lepton Searches at the Tevatron
Christopher Hays (University of Oxford)



Saturday, July 24, 2010 Afternoon

Salle 251

11 - Particle Astrophysics and Cosmology

- 14:00 156 Detecting Astrophysical Neutrinos with the IceCube Observatory
Chad Finley (Stockholm University)
- 14:20 1039 The ANTARES neutrino telescope
Maurizio Spurio (University of Bologna and INFN)
- 14:40 226 Electroweak stars: Electroweak Matter Destruction as an Exotic Stellar Engine
Dejan Stojkovic (SUNY at Buffalo)
- 14:55 451 Recent Results From VERITAS
David Hanna (McGill University)
- 15:15 896 Recent Results from Milagro and Prospects for HAWC
John Pretz (Los Alamos National Lab)
- 15:30 383 Astroparticle Physics with the ARGO-YBJ Experiment
Giovanni Marsella (Università del Salento and INFN Lecce)

11 - Particle Astrophysics and Cosmology

- 16:15 468 GeV to Multi-TeV Cosmic Ray: Experimental Status and Future Prospects
Martin Pohl (Université de Genève)
- 16:35 1035 Results from the High Resolution Fly's Eye Experiment
Pierre Sokolsky (University of Utah)
- 16:55 1036 Results from the Telescope Array Experiment
Gordon Thomson (University of Utah)
- 17:10 627 Recent Results from the Pierre Auger Observatory
Karl-Heinz Kampert (Universität Wuppertal)
- 17:30 1032 The trouble with ultra-high-energy cosmic rays
Glennys Farrar (New York University)
- 17:45 1015 Hadron production at fixed target energies and extensive air showers
Michael Unger (Karlsruhe Institute of Technology)



Saturday, July 24, 2010 Afternoon

Salle 252A

13 - Advances in Instrumentation and Computing for HEP

- 14:00 763 T2K near detector tracker
Flor de Maria Blaszczyk (CEA / Irfu / SPP)
- 14:20 1221 LHCb Computing experience with first data
Marco Adinolfi (University of Bristol)
- 14:40 1196 Operation of the CMS detector with first collisions at 7 TeV at the LHC
Gianluca Cerminara (CERN)
- 15:00 1197 Operation of the ATLAS detector with first collisions at 7 TeV at the LHC
Peter Onyisi (University of Chicago)
- 15:20 1220 Micro Pattern Gas Detectors in High Energy Physics
Jochen Kaminski (Bonn University)

13 - Advances in Instrumentation and Computing for HEP

- 16:15 365 Online track reconstruction at hadron colliders
Silvia Amerio (INFN Padova)
- 16:35 890 Development of ultra-light pixelated systems based on CMOS sensors for future high precision vertex detectors
Marc Winter (Institut Pluridisciplinaire Hubert Curien)
- 16:55 215 The LHCb Upgrade
Marina Artuso (Syracuse university)
- 17:15 553 ATLAS Upgrade for the sLHC: meeting the challenges of a five-fold increase in collision rate
Andrey Loginov (Yale University, Physics Department)
- 17:35 1224 Upgrade of the CMS detector
Ivan Kresimir Furic (Department of Physics - University of Florida)



Saturday, July 24, 2010 Afternoon

Salle 252B

03 - Perturbative QCD, Jets and Diffractive Physics

- 14:00 1164 Jet physics at HERA
Claudia Glasman (DESY)
- 14:30 1215 Jet Physics at Tevatron
Christophe Royon (CEA Saclay)
- 15:00 1186 Inclusive jet production cross-section and kinematics in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector
Tancredi Carli (CERN)
- 15:20 836 Studies of QCD jet production with the CMS detector in pp Collisions at $\sqrt{s} = 7$ TeV
Mikko Voutilainen (CERN)

03 - Perturbative QCD, Jets and Diffractive Physics

- 16:15 1038 W/Z + Multi-Jet Production at the LHC
David Kosower
- 16:40 1213 W/Z+jets Results from D0
Avto Kharchilava (SUNY at Buffalo)
- 17:05 1190 W/Z+Jets Results from CDF
Stefano Camarda (IFAE Barcelona)
- 17:30 1167 Precision DIS Measurements at HERA
Burkard Reiser (Max-Planck-Institute for Physics, Munich)



Saturday, July 24, 2010 Afternoon

Salle 253

14 - Future Machines and Projects

- 13:50 585 Status of KM3NeT
Paul Kooijman (Univ. of Amsterdam)
- 14:05 312 The SuperB Project
Marcello Giorgi (INFN& Universita' di Pisa)
- 14:30 561 The SuperKEKB accelerator status
Masako Iwasaki (KEK)
- 14:55 1037 The heavy ion collider project NICA/MPD at JINR (Dubna)
Grigory Trubnikov (Joint Institute for Nuclear Research, Dubna)
- 15:20 1031 The Large Hadron Electron Collider (LHeC) Project
Max Klein (University of Liverpool)

14 - Future Machines and Projects

- 16:15 1067 Project-X at Fermilab
Bob Tschirhart (Fermilab)
- 16:40 1074 The International Design Study for the Neutrino Factory
Kenneth Long (Imperial College London)
- 17:05 1075 The Research and Development Program towards an Energy-Frontier Muon Collider
Gail Hanson (University of California)
- 17:30 1028 LHC machine upgrades
Roger Bailey (CERN)