PRELIMINARY SCIENTIFIC PROGRAMME
(February 10, 2010)

Monday, March 1

8:30 – 11:30

I. Cosmology and Astrophysics

1) Understanding Cosmic Rays and Searching for Dark Matter with PAMELA (Roberta Sparvoli, Roma)
2) Studies of Cosmic Rays in the GeV Energy Region with the Fermi Observatory (Luca Latronico, Pisa)
3) Studies of Gamma Rays Sources with the Fermi Observatory (Jurgen Knodelseder, Toulouse)
4) Future Direct Dark Matter Searches (Cristiano Galbiati, Princeton)
5) LUCIFER: a New Technique for Double Beta Decay (Fernando Ferroni, Roma)
6) Recent Developments in Theory and Phenomenology of Dark Matter (Marco Cirelli, Saclay)

16:30-19:00

II. Astroparticle and Neutrino Physics

1) AUGER (Ioana Maris, LPNHE)
2) A simple Explanation for Cosmic Rays (Arnon Dar, Haifa)
3) Antares Observation and Physics Results on Astroneutrinos (Nicolas Picot Clemente, CPPM)
4) A Low Energy Threshold Analysis of SNO Data (Steve Biller, Oxford)
5) Neutrino physics and LFV: a theoretical overview (Aljandro Ibarra, TUM Munich)

Tuesday, March 2

8:30 – 11:30

II. Astroparticle and Neutrino Physics (continued)

6) Neutrino Oscillations Studies with the Opera Experiment at CNGS Beam (Elisabetta Pennacchio, IPNL)
7) New results from Borexino (Yura Suvorov, LNGS)
8) Status J-PARC Neutrino Program: T2K (Takeshi Nakadaira, KEK)
9) J-PARC Kaon and Muon Program (Satoshi Mihara, KEK)
10) DoubleChooz (Daniel Greiner, Tubingen)
11) Recent Results from MINOS (Jonathan Paley, ANL)

III. Special Session

1) Turning on the LHC: commissioning with beam and the outlook for 2010 (Michael Lamont, CERN)

16:30-19:30

IV. QCD Physics/Hadronic Interactions

1) Early Physics at ALICE (Francesco Prino, Torino)
2) QCD studies at the Tevatron (Simona Rolli, Tufts)
3) QCD and Hadronic interactions with ISR at B-Factories (Shane Curry, Irvine)
4) Heavy Flavour Spectroscopy at the Tevatron (Kai Yi, Iowa)
5) Low energy QCD and ChPT studies with Kloe (Marek Jacewicz, Uppsala)
6) Recent results from BESIII (Jiaxu Zuo, Beijing)
7) Recent developments in QCD (Vittorio Del Duca, LNF)

Wednesday, March 3

8:30 – 11:30

V. Flavour Physics, CP Violation and Rare Decays

1) Flavour Physics at BELLE (Ryosuke Itoh, KEK)
2) Flavour Physics at BaBar (Jose Benitez, SLAC)
3) Rare Decays at B-Factories (Kurtis Nishimura, Hawaii)
4) Bs/rare decays at the Tevatron (Derek Strom, Northwestern U.)
5) Flavour phsycis within and beyond the SM (Ulrich Nierste, Karlsruhe)
6) Early results from LHCB (Ulrich Kerzel, Cambridge)

17:00 – 19:30

ROUND TABLE on The Role of the Tevatron in the LHC Era

Dmitri Denisov, Fabiola Gianotti, Andrei Golutvyn, Rolf Heuer, Young-Kee Kim, Jacobo Konigsberg, Chris Quigg

Thursday, March 4

8:30 – 11:30

VI. Electroweak and Top Physics

1) Startup and First Physics with the ATLAS detector (Andreas Wildauer, Valencia)
2) Electroweak Physics at the Tevatron (Pierluigi Catastini, Fermilab)
3) Mw at the Tevatron (Alexander Melnitchouk, Mississippi U.)
4) Top and Single top production at the Tevatron (Daniel Wicke, Main U.)
5) Top Properties (including mass) at the Tevatron (Gabriele Compostella, Padova)
6) Top-quark and electroweak physics: a theory perspective (Iain Stewart, MIT)
7) Startup and First Physics with the CMS Detector (Paolo Meridiani, CERN)

16:30 – 17:50

VII. K and Charm Physics (16.30-17.50)

1) K Rare Decays with NA62 (Evelina Marinova, Perugia)
2) Kaon Physics with KLOE (Barbara Sciascia, LNF)
3) Recent Results in Charmonia from CLEO-c (Claire Tarbert, Indiana U.)

18:00 – 19:00

VIII. Physics and Society

1) The Global Energy Observer project (Rajan Gupta, LANL)
2) The energy problem: a cost/financial approach (Alberto De Min, Geneva)

Friday, March 5

8:30 – 11:30

IX. Higgs Searches, Hot Topics

1) Search for Low Mass Higgs at the Tevatron (Song Ming Wang, Taiwan)
2) Search for High Mass Higgs at the Tevatron (Maiko Takahashi, Manchester)
3) Search for Higgs Bosons with early data in ATLAS (Michael Duehrssen, CERN)
4) Hot Topics from CMS (Stephanie Beauceron, Brussels)
5) Status and prospects of Supersymmetric extensions of the SM (Sabine Kraml, Grenoble)
6) Higgs impostors at the LHC (Alvaro De Rujula, CERN)

16:30 – 19:30

X. Searching for New Physics

1) New Physics searches at the Tevatron (Patrice Verdier. Lyon)
2) Early NP at the LHC (Martin Schmaltz, Boston University)
3) MEG (Giancarlo Piredda, Roma 1)
4) The SuperKeKB project (Bostjan Golob, Ljubljana)
5) Learning to See at the LHC (Chris Quigg, FNAL)
6) Search for neutral Higgs bosons decaying into four tau leptons at LEP2 (Paolo Spagnolo, Pisa)
7) Anomalously Interacting Z' Bosons (Mihail Chizhov, JINR)

Saturday, March 6

8:30 – 11:00

XI. Perspectives

1) Muon collider (Michael Zisman, LBNL)
2) The Beginning of a Terrestrial Search for Dark Energy using Atom Interferometry (Martin Perl, SLAC)
3) Space, Time, Matter: 90 years after (Gabriele Veneziano, CERN)