2011 Moriond -- ElectroWeak Interactions and Unified Theories

March 13-20th La Thuile-Aosta Valley
STILL NOT FINAL!
last updated Tuesday, March 16th

Morning: Brout-Englert-Higgs boson Searches (TeVatron and LHC)
Laurette Ponce             Status of the LHC machine
Babis Anastasiou           The Higgs production rates at TeVatron and at the LHC
Pierluigi Totaro           Low mass SM Higgs in TeVatron
Konstantinos Petridis      High mass SM Higgs at TeVatron
Markus Schumacher          Higgs searches in ATLAS
Christian Veelken          Higgs and Z to tau tau in CMS
Bo Jayatilaka              TeVatron SM Higgs Combination
Christophe Grojean         Alternatives to SM: a review

Afternoon: The Standard Model and beyond
Vivek Sharma               Experimental prospects for the Higgs Search
Philip Coleman Harris      Standard Model measurements in CMS
Mika Vesterinen            Single W and Z production and asymmetries at TeVatron
John Alison                Standard Model measurements in ATLAS
Martina Hurwitz            Diboson Physics at TeVatron
Gero von Gersdorff         Extra dimensions and electroweak breaking - mini review
Adam Falkowski             Non-standard Higgs boson decays
Tim Scanlon                Beyond the SM Higgs Boson at TeVatron

Tuesday March 15th
Morning: "Beyond the Standard Model"
Ana Texeira                NMSSM short review
Colin Bernet               SUSY searches at CMS
Manuel Perez-Victoria      Z' bosons and friends
Michel Jaffre              New TeVatron searches for BSM physics
Alessandro Strumia         Fine tuning price of early LHC
Sascha Caron               SUSY searches in ATLAS
Max Baak                    Constraints from ew measurements to BSM theories

Afternoon: "Beyond the SM"
Akin Wingerter             A Fourth Chiral Generation and SUSY Breaking
Francesco Santanastasio    Exotica searches at CMS
Philip Bechtle             What if the LHC doesn't find Susy by the end of 2011?
Douglas Gingrich           Exotica searches in ATLAS
David Litim                 Asymptotically safe gravity at the LHC and beyond

Young Scientists Forum 1   see list below

Wednesday March 16th
Morning: "Flavour Physics"
Ulrich Nierste             Flavour physics, supersymmetry and GUTs
Liang Li                    Top production at TeVatron (ttbar and single top)
Jernej Kamenik              Top polarisation at LHC and new physics
Fabrizio Margaroli         Top properties from TeVatron
Suzanne Westhoff           F-B asymmetry in top-quark production in R-S
Andreas Weiler             Flavour in Randall-Sundrum models
John Walsh                  Rare B & D decays at Babar
Roger Jones                 Heavy flavour Physics in Atlas

Afternoon: "Flavour Physics-Lepton flavour, Neutrinos"
Wolfgang Altmannshofer     Lower Bounds on EDM's from D0 mixing in SUSY
Jorge Romao                 LHC and lepton flavour violation phenomenology (LR-MSSM)
Evgueni Goudovski           Searches for lepton flavour and number violation in kaon decays at CERN
Michele Papucci             Dimuon CP asymmetry in B decays
Julia Thom                   Tevatron Heavy Flavor
Anton Poluektov             Recent Results on EW physics from Belle
Guillaume Mention           Reactor antineutrino anomaly
Antonio Palazzo             The antineutrino anomaly: implications for the solar neutrino sector
Thursday, March 17th
Morning: "Flavour Physics, leptogenesis"
Gudrun Hiller
The pheno analysis on rare semileptonic decays B->K(*) l
Mikhail Danilov
Prospects and status of SuperKEKB/Belle II
Amarjit Soni
Demise of the CKM paradigm and its aftermath
Yuehong Xie
CP Violation in B decays with LHCb
Andreas Juettner
Lattice Flavour Physics Results for Phenomenologists
Taku Izubuchi
Recent results of CKM physics; quark masses ... From RBC/UKQCD
Diego Martinez
Search for new physics in Rare B decays at LHCb
Joem Kersten
Reconciling Supersymmetry and Thermal Leptogenesis

Afternoon: "Neutrino to Astroparticles-Cosmic rays"
Klaus Helbing
IceCube as a discovery observatory for physics beyond the standard model
Manuela Vecchi
ANTARES: status and recent results
Michael Kachelriess
Lower bound on extragalactic magnetic fields
Isabelle Lhenry-Yvon
Recent results from the Pierre Auger Observatory
Toshiyuki Nonaka
Observation of Ultra High Energy Cosmic Ray at Telescope Array experiment

Young Scientists Forum 2
see list below

Friday, March 18th
Morning: "Astroparticles, Dark matter"
Steven Leman
Constraints on Low-Mass WIMP signals from CDMS
Andreas Goudelis
Dark matter models
Aaron Manalaysay
Dark Matter Detection with Noble Liquids
Michel Tytgat
Constraints on a Light WIMP from the Diffuse Gamma-Rays
Ana Sofia Torrento Coello
Latest results of the Edelweiss-II
Eric Dahl
COUPP: First data from a deep-site bubble chamber
Joachim Kopp
Collider limits on dark matter
Timur Delahaye
NMSSM constraints and dark matter signals

Afternoon: "Astroparticles"
Laura Covi
Dark matter candidates: axinos, gravitinos (review)
Yoshizumi Inoue
Tokyo axion helioscope experiment and other axion experiments

Young Scientists Forum 3
see list below

MORIOND discussion

Saturday, March 19th
Morning: Dark matter, Energy, Precision test, neutrinos"
Enrique Fernandez-Martinez
Asymmetric dark matter generation via leptogenesis
Fabiana Cossavella
GERDA commissioning results and summary of double beta decay projects
Delphine Hardin
SuperNova Legacy Survey
Osamu Tajima
QUIET and other CMB B-mode searches
Paul Indelicato
Proton charge radius
Alvaro de Rujula
About the proton charge radius
Zarko Pavlovic
Results from MiniBooNE and SciBooNE experiments
Maxim Libanov
Why neutrinos are different
Toshinori Mori
Updated result of the mu+ -> e+ gamma search in the MEG experiment

Afternoon: "Neutrinos"
Michele Pozzato
Recent results of the OPERA experiment
Mark Hartz
First Results from the T2K Experiment
Sanjib Agarwalla
New approach to antineutrino from muon decay at rest
Pau Novella
Status of the Double Chooz experiment
Yusuke Koshio
Recent results of the solar neutrino measurement in Borexino
Gabriel Perdue
Status of the MINERvA Experiment
Mattias Blennow
Neutrino masses and extra dimensions
Mitch Sodeberg
Neutrino Data Analysis with the ArgoNeuT Project
Ara Ioannisian
Transition Radiation by Neutrinos at an interface

Sunday, March 20th
Chris Quigg
Summary (th)
Robert Roser
Summary (exp)
<table>
<thead>
<tr>
<th>YSF1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Julien Baglio</td>
<td>The Supersymmetric Higgs bounds at the Tevatron and LHC</td>
</tr>
<tr>
<td>Kathryn Tschan-Grimm</td>
<td>D0 search for the SM Higgs in the final state tau-tau-jet-jet</td>
</tr>
<tr>
<td>Rushika Nayar</td>
<td>Search for Higgs to WW at D0</td>
</tr>
<tr>
<td>Josh Bendavid</td>
<td>Measurement of W boson lepton charge asymmetry</td>
</tr>
<tr>
<td>Devdatta Majumder</td>
<td>Study of W + gamma events at CMS with 7 TeV collisions</td>
</tr>
<tr>
<td>Nhan Viet Tran</td>
<td>Analysis of Z -&gt; h+ polarization at CMS</td>
</tr>
<tr>
<td>Aimee Larner</td>
<td>Observation of Z -&gt; tau tau Decays with the Atlas Detector</td>
</tr>
<tr>
<td>Abdollah Mohammad</td>
<td>W -&gt; tau nu observation and data-driven estimation of the QCD background</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YSF2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Florian Goertz</td>
<td>Higgs Physics in Warped Extra Dimensions</td>
</tr>
<tr>
<td>Jeanette Lorenz</td>
<td>SM backgrounds to SUSY (1lepton+jets+missing transv. energy)</td>
</tr>
<tr>
<td>Marcin Badziak</td>
<td>Yukawa unification in susy SO(10)</td>
</tr>
<tr>
<td>Sarah Baker</td>
<td>Jet Production cross section measurement with ATLAS</td>
</tr>
<tr>
<td>Karolos Potamianos</td>
<td>Search for rare SM processes (Missing transverse energy + b jets)</td>
</tr>
<tr>
<td>Michele Pinamonti</td>
<td>Top quark pair cross-section in the lepton+jet final state</td>
</tr>
<tr>
<td>Sylvain Fichet</td>
<td>Susy flavor problem in 5D GUTS</td>
</tr>
<tr>
<td>Stefano Perazzini</td>
<td>Direct CP violation Bs -&gt; Kpi decays at LHCb</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YSF3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Torsten Pfoh</td>
<td>RS model effects on B_s CP Violation</td>
</tr>
<tr>
<td>Ana Rodriguez-sanchez</td>
<td>Higgs Boson Masses in the MSSM with Heavy Majorana Neutrinos</td>
</tr>
<tr>
<td>Laura Gladstone</td>
<td>The Shadow of the Moon in IceCube</td>
</tr>
<tr>
<td>Juan Herrero</td>
<td>Neutrino masses from extra generations</td>
</tr>
<tr>
<td>Gary Cheng</td>
<td>K+ production in a few GeV neutrino beam</td>
</tr>
<tr>
<td>Rodrigo Alonso de Pablo</td>
<td>The Potential of Minimal Flavour Violation</td>
</tr>
<tr>
<td>Sebastien Murphy</td>
<td>Charged Pion Cross Sections in Proton C at 31 GeV/c with NA61/SHINE</td>
</tr>
</tbody>
</table>