

2011 Moriond -- ElectroWeak Interactions and Unified Theories

March 13-20th La Thuile-Aosta Valley**VERY PRELIMINARY PROGRAM (schedule changes will still occur)****Sunday March 13th**

Arrival and Welcome Drink

Monday March 14thMorning : 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 15thMorning : "Beyond the Standard Model"

Ana Texeira	NMSSM short review
Colin Bernet	SUSY searches at CMS
Zohar Komargodski	recent developments in Susy
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 Gunrich	Exotica searches in ATLAS
David Litim	Asymptotically safe gravity at the LHC and beyond

Young Scientists Forum 1

see list below

Wednesday March 16thMorning: "Flavour Physics"

Ulrich Nierste	Flavour physics, supersymmetry and GUTs
Liang Li	Top production at TeVatron (ttbar and single top)
Kamenik Jernej	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 Goudzovski	NA48/NA62
Michele Papucci	Dimuon CP asymmetry in B decays

Julia Thom
Anton Poluektov
Guillaume Mention
Antonio Palazzo

Tevatron Heavy Flavor
Recent Results on EW physics from Belle
Reactor antineutrino anomaly
The antineutrino anomaly: implications for the solar neutrino sector

Thursday March 17th

Morning : "Flavour Physics"

Gudrun Hiller
Mikhail Danilov
Amarjit Soni
Yuehong Xie
Andreas Juettner
Taku Izubuchi
Diego Martinez
Yasuhiro Nishimura

The pheno analysis on rare semileptonic decays $B \rightarrow K^{(*)} \ell \ell$,
Prospects and status of SuperKEKB/Belle II
Demise of the CKM paradigm and its aftermath
CP Violation in B decays with LHCb
Lattice Flavour Physics Results for Phenomenologists
Recent results of CKM physics; quark masses .. From RBC/UKQCD
Search for new physics in Rare B decays at LHCb
Latest MEG results

Afternoon : "Neutrino to Astroparticles-Cosmic rays "

Klaus Helbing
Manuela Vechi
Michael Kachelriess
Isabelle Lhenry-Yvon
Toshiyuki Nonaka
Joem Kersten

Icecube
Antares
Lower bound on extragalactic magnetic fields
Auger results
Telescope Array
Reconciling Supersymmetry and Thermal Leptogenesis

Young Scientists Forum 2

see list below

Friday, March 18th

Morning : "Astroparticles, Dark matter"

Steven Leman
Aaron Manalaysay
Andreas Goudelis
Ana Sofia Torrento Coello
Michel Tytgat
Laura Covi
Yoshizumi Inoue
Joachim Kopp

Constraints on Low-Mass WIMP signals from CDMS
DM searches with noble liquid detectors
Dark matter models
Edelweiss II
Constraints on a Light WIMP from the Diffuse Gamma-Rays
Dark matter candidates: axinos, gravitinos (review)
Tokyo Helioscope
Collider limits on dark matter

Afternoon : "Astroparticles "

Timur Delahaye
Enrique Fernandez-Martinez

NMSSM constraints and dark matter signals
Asymmetric dark matter generation via leptogenesis

Young Scientists Forum 3

MORIOND discussion

see list below

Saturday, March 19th

Morning : "Neutrinos "

Boris Kayser
Fabiana Cossavella
Zarko Pavlovich
Maxim Libanov
Michele Pozzato
Mark Hartz
Sanjib Agarwalla
Pau Novella

Entangled neutrino oscillations
GERDA and review of double beta decay
Miniboone+Sciboone
Why neutrinos are different
OPERA
T2K
New approach to antineutrino from muon decay at rest
Double Chooz

Afternoon : "Neutrinos, Precision tests, Cosmology"

Yusuke Koshio
Gabriel Perdue
Mattias Blennow
Mitch Sodeberg
Paul Indelicato
Alvaro de Rujula
Delphine Hardin
Hogan Nguyen

Borexino
Minerva
Neutrino masses and extra dimensions
Argoneut
Proton charge radius
About the proton charge radius
SuperNova Legacy Survey
QUIET and other CMB B-mode searches

Sunday, March 20th

Chris Quigg
Robert Roser

Summary (th)
Summary (exp)

YSF1

Julien Baglio
Kathryn Tschann-Grimm
Rushika Nayar
Josh Bendavid
Devdatta Majumder
Nhan Viet Tran

The Supersymmetric Higgs bounds at the Tevatron and LHC
D0 search for the SM Higgs in the final state tau-tau-jet-jet
Search for Higgs to WW at D0
Measurement of W boson lepton charge asymmetry
Study of W+gamma events at CMS with 7TeV collisions
Analysis of Z->l+l- polarization at CMS

YSF2

Florian Goertz
Jeanette Lorenz
Marcin Badziak
Sarah Baker
Karolos Potamianos
Michele Pinamonti

Higgs Physics in Warped Extra Dimensions
SM backgrounds to SUSY (1lepton+jets+missing transv. energy)
Yukawa unification in susy SO(10)
Jet Production cross section measurement with ATLAS
Search for rare SM processes (Missing transverse energy +b jets)
Top quark pair cross-section in the lepton+jet final state

YSF3

Sylvain Fichet
Torsten Pfoh
Ana Rodriguez-sanchez
Laura Gladstone
Juan Herrero
Gary Cheng

Susy flavor problem in 5D GUTS
RS model effects on B_s CP Violation
Higgs Boson Masses in the MSSM with Heavy Majorana Neutrinos
The shadow of the moon with IceCube
Neutrino masses from extra generations
K+ production in a few GeV neutrino beam