

2008
ELECTROWEAK INTERACTIONS
AND UNIFIED THEORIES

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XLIIIrd Rencontres de Moriond

La Thuile, Aosta Valley, Italy – March 1-8, 2008

Electroweak Interactions and Unified Theories

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Series : Electroweak Interactions and Unified theories

La Thuile, Aosta Valley Italy

March 1-8, 2008

**2008
ELECTROWEAK INTERACTIONS
AND UNIFIED THEORIES**

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2008 RENCONTRES DE MORIOND

The XLIIIrd Rencontres de Moriond were held in La Thuile, Vallée d'Aoste, Italie.

The first meeting took place at Moriond in the French Alps in 1966. There, experimental as well as theoretical physicists not only shared their scientific preoccupations, but also the household chores. The participants in the first meeting were mainly French physicists interested in electromagnetic interactions. In subsequent years, a session on high energy strong interactions was added.

The main purpose of these meeting is to discuss recent developments in contemporary physics and also to promote effective collaboration between experimentalists and theorists in the field of elementary particle physics. By bringing together a relatively small number of participants, the meetings help to develop better human relations as well as a more thorough and detailed discussion of the contributions.

Our wish to develop and to experiment with new channels of communication and dialogue, which was the driving force behind the original Moriond meetings, led us to organize a parallel meeting of biologists on Cell Differentiation (1980) and to create the Moriond Astrophysics Meeting (1981). In the same spirit, we started a new series on Condensed Matter Physics in January 1994. Meetings between biologists, astrophysicists, condensed matter physicists and high-energy physicists are organized to study how the progress in one field can lead to new developments in the others. I trust that these conferences and lively discussions will lead to new analytical methods and new mathematical languages.

The XLIIIrd Rencontres de Moriond in 2008 comprised three physics sessions, one nanophysics session and one Astrophysics session:

- * March 1 - 8 "Electroweak Interactions and Unified Theories"
- * March 1 - 8 "Venus Express Science Workshop"
- * March 8 - 15 "QCD and High Energy Hadronic Interactions"
- * March 8 - 15 "Quantum electronic transport and Nanophysics"
- * March 15- 22 "Cosmology"

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It is my sincere hope that a fruitful exchange and an efficient collaboration between the physicists, the astrophysicists and the nanophysicists will arise from these Rencontres as from the previous ones.

J. Trân Thanh Vân

CONTENTS

	Page
<i>Foreword</i>	V
I - Standard Model, precision Electroweak data at colliders, Search for the Brout-Englert-Higgs particle and theoretical variations	1
Standard Model Higgs Searches at the Tevatron (Low Mass)	<i>Kohei Yorita</i> 3
Searches for non-SM Higgs Bosons at the Tevatron	<i>Andrew Hass</i> 9
W/Z Production: Asymmetry, $Z(\nu\bar{\nu})$, and W+charm at the Tevatron	<i>Jiyeon Han</i> 15
Electroweak Measurements from HERA	<i>Ytsen de Boer</i> 21
On the possible links between Electroweak symmetry breaking and dark matter	<i>Michel Tytgat</i> 27
Holographic models of electroweak symmetry breaking	<i>Gustavo Burdman</i> 33
Electroweak constraints on see-saw messengers and their implications for LHC	<i>Francisco del Aguila</i> 45
The Standard model Higgs as the inflaton	<i>Fedor Bezrukov</i> 53
Unparticles, a View from the Higgs Window	<i>Jose Ramon Espinosa</i> 59
Commissioning of CMS and early standard model measurements with jets, missing transverse energy and photons at the LHC	<i>Tim Christiansen</i> 67
Search for new physics in photon and jet final states	<i>Michel Jaffré</i> 73
Commissioning of ATLAS and early measurements with leptons in Atlas and CMS	<i>Mathieu Plamondon</i> 79
II - Particle Searches, Supersymmetry , Theoretical issues	85
SUSY dark matter	<i>Sabine Kraml</i> 87
Model Independent Searches in EP Collisions	<i>Emmanuel Sauvan</i> 95
The first a few fb^{-1} : Potential for observing SUSY and Higgs	<i>Soshi Tsuno</i> 101
The first few fb^{-1} ; Potential for observation of physics beyond the standard model	<i>Riccardo Bellan</i> 109
Searches in Lepton final states	<i>Sourabh Dube</i> 117
Moduli, anomalous U(1) and LHC Phenomenology	<i>Alberto Romagnoni</i> 123
Model-dependent searches for new physics at HERA	<i>Giuseppe Barbagli</i> 129
Theoretical issues and methods	135
Is $N=8$ Supergravity an Ultraviolet Finite Quantum Field Theory ?	<i>Kellogg Stelle</i> 137
Holography techniques for asymptotically-free gauge theories	<i>Elias Kiritsis</i> 143
III - Flavour Physics	151
Flavour in warped extra dimensions	<i>Giacomo Cacciapaglia</i> 153
$\Delta F = 1$ Constraints on Minimal Flavour Violation	<i>Jernej Kamenik</i> 159
Flavour Permutation Symmetric and Fermion Mixing	<i>Paul Harrison</i> 165
Lepton Flavour Violation in constrained MSSM-seesaw models	<i>Ernesto Arganda</i> 173
Top physics	179
Top pair production	<i>Marc Besancon</i> 181
Top mass and properties	<i>Yen-Chu Chen</i> 189
Single top quark production at the Tevatron	<i>Reinhard Schwienhorst</i> 197
B, C and S physics	203
Measurements of ϕ_1 and ϕ_2 by Belle and BaBar	<i>Tagir Aushev</i> 205
Improved Measurement of Inclusive Radiative B -meson decays	<i>Antonio Limosani</i> 213
New Results on Leptonic B meson decays at BaBar	<i>Kim Hojeong</i> 221
B-hadron lifetimes and rare decays at Tevatron	<i>Nirmalya Parua</i> 227
B_s Mixing, $\Delta\Gamma_s$, and CP violation at the Tevatron	<i>Gian Piero Di Giovanni</i> 233
Belle New results on $B \rightarrow D^{**}\ell\nu$ decays	<i>Dmitri Liventsev</i> 239

Semileptonic B and D Decays - A Review of Recent Progress	<i>Michael Mazur</i>	245
Charm and tau decays at B factories	<i>Anze Zupanc</i>	253
Constraining new physics from $D - \bar{D}^0$ Mixing	<i>Alexey Petrov</i>	261
The CKM angle γ/ϕ_3 - B-factories results review	<i>Viola Sordini</i>	269
R Value Measurements at 2.60, 3.07 and 3.65 GeV with BESII	<i>Haiming Hu</i>	279
Light Hadrons and New Enhancements in J/ψ Decays at BESII	<i>Guofa Xu</i>	287
NA48 Results	<i>Giuseppe Ruggiero</i>	293
$\Sigma^+ \rightarrow p\mu^+ \mu^-$: Standard Model or New Particle?	<i>German Valencia</i>	301
Measurements from KTeV of rare decays of the K_L^0 and π^0	<i>Eric D. Zimmerman</i>	307
Recent results from KLOE	<i>Marianna Testa</i>	313
Measurement of direct CP violation parameter $Re(\epsilon'/\epsilon)$ in the neutral kaon system	<i>Alexander Glazov</i>	321
Status of the CKM matrix	<i>Sébastien Descotes-Genon</i>	327
IV - Neutrino Physics and Astrophysics		333
Current numi/minos Oscillation Results	<i>Alec Habig</i>	335
First neutrino events in the OPERA emulsion target	<i>Ciro Pistillo</i>	343
Neutrino oscillations, low-energy excess, numi neutrinos, and antineutrinos in MiniBoone	<i>Chris Polly</i>	349
Some new implications of the anomalous baryon current in the standard model	<i>Richard Hill</i>	355
The LSND puzzle in the light of MiniBoone results	<i>Thomas Schwetz</i>	363
Neutrino cross section measurements for long-baseline accelerator-based neutrino oscillation experiments	<i>Teppei Katori</i>	369
HARP collaboration results on proton-nuclei interactions at few GeV energies	<i>Roumen Tsenov</i>	377
Low energy effects of seesaw neutrino mass models	<i>Thomas Hambye</i>	383
Neutrinoless double beta decay search with cuoricino and cuore experiments	<i>Marco Vignati</i>	389
Search for neutrinoless double beta decay in ^{150}Nd with the NEMO3 experiment	<i>Gwénaëlle Broudin-Bay</i>	395
LHC test of the see-saw	<i>Joern Kersten</i>	401
Neutrinos: astrophysics and astroparticle aspects		407
Neutrino production in nucleonic interactions in gamma-ray bursters	<i>Hylke Koers</i>	409
High energy neutrinos from the cold : status and prospects of the IceCube experiment	<i>Cécile Portello-Roucelle</i>	415
The ANTARES Neutrino Telescope : first results	<i>Thierry Pradier</i>	423
Testing Dark Matter with Neutrino Detectors	<i>Sergio Palomares-Ruiz</i>	431
Neutrino self interactions in supernovae	<i>Antonio Marrone</i>	437
V - Baryogenesis, Dark matter and Astroparticle Physics		443
<i>Cross-Reference: indirect dark matter searches are found under "Neutrino: astrophysics and astroparticle aspects", dark matter models are also considered in the Standard Model and in the searches sections</i>		
Quantum Boltzmann equations in resonant leptogenesis	<i>Andrea De Simone</i>	445
The CRESST-II experiment	<i>Rafael Lang</i>	451
Recent results in very high energy gamma ray astronomy	<i>Jean-Francois Glicenstein</i>	457
Solar axion search with the CAST experiment	<i>Silvia Borghi</i>	465
The low energy frontier: probes with photons	<i>Javier Redondo</i>	473
DM-TPC : a dark matter time projection chamber	<i>Steven Ahlen</i>	479
Cosmic Rays		485
The air-fluorescence yield	<i>Fernando Arqueros</i>	478
The flux and the composition of ultra high energy cosmic rays measured by the Pierre Auger observatory	<i>Ioana Maris</i>	493

Study of the ultra high energy cosmic rays arrival directions with the Pierre Auger observatory	<i>Raffaella Bonino</i>	499
A comment on catalog searches	<i>Petr Tinyakov</i>	505
VI - Young Scientists Forum		509
The Z Transverse Momentum Distribution	<i>Timothy Andeen</i>	511
Precision Top Quark Mass From a Simultaneous Fit in Lepton _{plus} Jets and Dilepton Channels Using 2 fb ⁻¹ of data collected by the CDFII detector	<i>Wojciech Fedorko</i>	515
BiPo prototype for SuperNEMO radiopurity measurements	<i>Mathieu Bongrand</i>	519
Search for the standard model Higgs boson in the $HZ \rightarrow b\bar{b}v\bar{v}$ channel at D0	<i>Christophe Ochando</i>	523
Search for SM Higgs in $WH \rightarrow \ell v b\bar{b}$ Channel using $\sim 2\text{fb}^{-1}$	<i>Tatsuya Masubuchi</i>	527
Study of Vector Boson Fusion Higgs in Atlas-LHC	<i>Dimitris Varouchas</i>	531
Yukawa corrections to Higgs production associated with two bottom quarks at the LHC	<i>Duc Ninh Le</i>	535
The MSSM with decoupled scalars at the LHC	<i>Emmanuel Turlay</i>	539
Search for the decay $K_S \rightarrow e^+ e^-$	<i>Flavio Archilli</i>	545
CP asymmetries from non-unitary leptonic mixing	<i>Jacobo Lopez-Pavon</i>	549
Determination of the B_s lifetime using hadronic decays	<i>Amanda Deisher</i>	553
Searching for Higgs Decaying to $H \rightarrow WW^* \rightarrow \mu + \tau_{had}$ and $H \rightarrow WW^* \rightarrow ee$ at D0	<i>Bjoern Penning</i>	557
Search for Wmap-compatible simple SO(10) SUSY Guts	<i>Sezen Sekmen</i>	561
Towards an estimation of the muon multiplicity in ANTARES	<i>Claire Picq</i>	567
Coincidence studies in ANTARES: potassium-40 and muons	<i>Dmitry Zaborov</i>	571
Sneutrino cold dark matter in extended MSSM models	<i>Chiara Arina</i>	575
Effects of lightest neutrino mass in leptogenesis	<i>Emiliano Molinaro</i>	579
Search for neutrinoless double beta decay with NEMO-3 using ¹⁵⁰ Nd	<i>Yves Lemièr</i>	585
WIMP mass from direct, indirect dark matter detection experiments and colliders: a complementary and model-independent approach	<i>Nicolás Bernal</i>	589
$\ell_1 \rightarrow \ell_2 \gamma$ in type III Seesaw	<i>Florian Bonnet</i>	593
NC Coherent π^0 Production in the MiniBooNE Antineutrino	<i>Van Nguyen</i>	597
VII – Summary		601
Workshop summary – Experimental	<i>Ken Peach</i>	603
List of participants		617
Author Index		619

