

Session 11: Beyond the Standard model

Session conveners:

Dmitri Denisov (FNAL)
Riccardo Rattazzi (CERN)

Main Hall

Friday, July 28, 2006

Session I

09:00 – 11:00

Chair: **Riccardo Rattazzi**
Secretaries: **Alexey Sheplyakov**
Grigory Vartanov

09:00–09:20	Non-SM Higgs Search Results from LEP Experiments	Andreas Ludwig (Technical University Dresden)
09:20–09:40	Search for non-SM Higgs at HERA	Gerhard Brandt (Heidelberg)
09:40–10:00	Search for non-SM Higgs at the Tevatron	Andy Hocker (Fermilab)
10:00–10:20	Discovery Potential for non-SM Higgs at the LHC	Eilam Gross (Weizmann)
10:20–10:35	New Phenomenology of Littlest Higgs Model with T-parity	Alexander Belyaev (Michigan State University)
10:35–10:45	Di-photon Higgs Signals at the LHC in the Next-to-Minimal Supersymmetric Standard Model	Shoaib Munir (University of Southampton)
10:45–11:00	Physics of Higgs Bosons in the Next to Minimal Supersymmetric Standard Model	Rohini Godbole (Indian Institute of Science)

Session II

11:30 – 13:00

Chair: **Andre Schoening**
Secretaries: **Alexey Sheplyakov**
Grigory Vartanov

11:30–11:50	SUSY Searches at HERA	Lorenzo Bellagamba (INFN Bologna)
11:50–12:10	Search for SUSY at the Tevatron	Thomas Hebbeker (RWTH Aachen)
12:10–12:30	LHC SUSY Discovery Potential	Valery Zhukov (Karlsruhe)
12:30–12:45	Exceptional Supersymmetric Standard Model	Roman Nevzorov (University of Southampton)
12:45–13:00	Collider Phenomenology in Extensions of mSUGRA Motivated by Constraints on Neutralino Dark Matter Relic Density	Tadas Krupovnickas (BNL)

Green Hall

Saturday, July 29, 2006

Session III

09:00 – 11:00

Chair: **Dmitri Denisov**
Secretaries: **Alexey Sheplyakov**
Dmitry Bogachev

09:00–09:20	Search for SUSY and Extra Dimensions at LEP	Katja Klein (RWTH Aachen)
09:20–09:40	Searches for Extra Dimensions and New Electroweak Bosons at Tevatron	Pierre Savard (Toronto)
09:40–10:00	Searches for Excited or New Leptons and Quarks at the Tevatron	Herb Greenlee (Fermilab)
10:00–10:20	Search for Extra Dimensions with ATLAS and CMS Detectors at the LHC	Sergei Shmatov (JINR)
10:20–10:36	Black Holes in Large and Warped Extra Dimensions at the LHC and Beyond	Greg Landsberg (Brown University)
10:36–10:48	Collider Signals of Extra Dimensions	Nandi Satyanarayan (Oklahoma State University)
10:48–11:00	SUSY Parameters from Dalitz Plots	Nicolas Kersting (Sichuan University)

Session IV

11:30 – 13:00

Chair: **Dmitri Kazakov**
Secretaries: **Alexey Sheplyakov**
Dmitry Bogachev

11:30–11:50	New Physics Search at LEP	Filipe Veloso (LIP, Lisbon)
11:50–12:10	Studies of Isolated Leptons at HERA	Cristinel Diaconu (Marseille)
12:10–12:30	Search for Leptoquarks, excited neutrinos and contact interactions at HERA	Jolanta Sztuk (Hamburg University)
12:30–12:45	Fermion Masses and Flavor Violations in Intersecting D-brane Models	Bhaskar Dutta (Texas A&M University)
12:45–13:00	Moduli Stabilization and String Phenomenology	Yann Mambini (LPT Orsay, University of Paris)

Session V**14:30 – 16:00**

Chair: **Rob Roser**
 Secretaries: **Alexey Sheplyakov**
Dmitry Bogachev

14:30–14:50	Search for New Physics with D0 Detector	Eric Kajfasz (CPPM, Marseille)
14:50–15:10	Search for New Physics with CDF Detector	Sasha Pranko (Fermilab)
15:10–15:30	Beyond Standard Model Searches at the LHC	Stephane Willocq (Univ. of Massachusetts)
15:30–15:45	Invariant Mass Distributions in Cascade Decays	Are Raklev (SPhT, Saclay)
15:45–16:00	Predicting coupling constants from requiring many degenerate vacua	Holger Bech Nielsen (Niels Bohr Institute)

Session VI**16:30 – 18:30**

Chair: **Riccardo Faccini**
 Secretaries: **Alexey Sheplyakov**
Dmitry Bogachev

16:30–16:52	Lepton Flavor Violation Search at B Factories	Kiyoshi Hayasaka (Nagoya)
16:52–17:14	Search for Physics Beyond Standard Model with BBar and Belle Detectors	Gautier Hamel de Monchenault (Saclay)
17:14–17:36	Tests of Lepton Universality and Lepton Flavor Violation at CLEO	David Besson (Kansas)
17:36–17:56	Search for the Invisible Decay of Neutrons with KamLAND	Yuri Kamyshev (University of Tennessee)
17:56–18:13	Probing New Physics in B^+ to $J/\psi K^+$, and B_s and D mixings	George Hou (National Taiwan University)
18:13–18:30	Testing New Physics with Unitarity Triangle Fit	Vicenzo Vagnoni (INFN Bologna)