

Monday, 29.07.2007

Alternatives, Small Auditorium B		
Monday, 30.7.2007		
<i>Chairperson: to be announced</i>		
14:00-14:20	Hidden Valley Phenomenology	Kathryn Zurek (Univ. of Wisconsin)
14:20-14:40	Search new physics in top quark events with the D0 Detector	Isabelle Ripp-Baudot (IPHC - Inst. Nat. Ph)
14:40-15:00	Searches for Leptoquark production in $p\bar{p}$ collisions at the D0 experiment	Thomas Nunnemann (Munich)
15:00-15:20	(Non) SUSY Adjoint SU(5)	Pavel Fileviez Perez (Lisbon)
15:20-15:40	Sleuth@CDF: A quasi-model-independent search for new electroweak scale physics	Georgios Choudalakis (MIT)
15:40-16:00	Vista@CDF: Results of a Model-Independent Search for New Physics in 1fb-1 at CDF	Georgios Choudalakis (MIT)

Cosmology, Lehmann-Auditorium		
Monday, 30.7.2007, Lehmann-Auditorium		
<i>Chairperson: to be announced</i>		
14:00-14:20	Gravitino Dark Matter with Stop as the NLSP	Yudi Santoso (Victoria)
14:20-14:40	Gravitino Dark Matter with broken R-parity	Alejandro Ibarra (DESY)
14:40-15:00	Gravitino Dark Matter and Constraints on the Reheating Temperature	Josef Pradler (MPI for Nuclear Physics)
15:00-15:20	The Dark Matter as a light gravitino	Gilbert Moulataka (Montpellier)
15:20-15:40	Cosmology of Gravitino LSP Scenario with Right-Handed Sneutrino NLSP	Koji Ishiwata (Tohoku)
15:40-16:00	Gravitino Dark Matter	Vassilis Spanos (Patras)
16:00-16:30	coffee break	
<i>Chairperson: to be announced</i>		
16:30-16:50	Gauge Invariant MSSM Inflation	Anupam Mazumdar (NORDITA)
16:50-17:10	Gravitino Production from Late-Decaying Scalar Field	Motoi Endo (DESY)
17:10-17:30	Gravitino Overproduction from Inflaton Decay, and its implication for SUSY breaking	Fuminobu Takahashi (DESY)
17:30-17:50	Curvature and isocurvature perturbations in two-field inflation	Krzysztof Turzynski (Univ. of Michigan)
17:50-18:10	Inhomogeneous preheating in multi-field inflationary models	Tomohiro Matsuda (Saitama)
18:10-18:30	Chaotic inflation model dominated by the D-term in supergravity	Masahide Yamaguchi (Aoyama)

Flavor Physics, Eiermann-Auditorium		
Monday, 30.7.2007		
<i>Chairperson: Seungwon Baek, Pyungwon Ko</i>		
14:00-14:20	Squark and gaugino hadroproduction and decays in non-minimal flavour violating supersymmetry	Björn Herrmann (LPSC Grenoble)
14:20-14:40	CKM and Tri-bimaximal MNS Matrices in a $SU(5) \times (d)T$ Model	Mu-Chun Chen (Univ. of California)
14:40-15:00	A_4 and its double-covering T' as flavor symmetries	Claudia Hagedorn (MPI for Nuclear Physics)
15:00-15:20	Supersymmetric mass spectrum of horizontal symmetries	Liliana Velasco-Sevilla (Univ. of Minnesota)
15:20-15:40	SUSY CP and Flavour in SUGRA flavour models with tri-bimaximal lepton mixing	Michal Malinsky (Southampton)
15:40-16:00	Proton hexality from an anomalous flavor $U(1)$	Christoph Luhn (Univ. of Florida)
16:00-16:30	coffee break	
<i>Chairperson: Pyungwon Ko, Michal Krepis</i>		
16:30-16:50	D_0 Mixing at the B-Factories	Carlos Chavez (Liverpool)
16:50-17:10	Search for anomalous direct and indirect CP violation in $b \rightarrow c$ transitions at Dzero	D0 Collaboration
17:10-17:30	CP Violation Measurements at CDF	CDF-Collaboration
17:30-17:50	The MFV-MSSM as a natural route to near-flavour-conservation in SUSY. Application to meson mixings	Diego Guadagnoli (Munich)
17:50-18:10	The Higgs sector of the MSSM and B-Bbar mixing for large $\tan(\beta)$	Stephanie Trine (KIT)
18:10-18:30	B_s - B_s bar mixing and $B_s \rightarrow KK$ decays within supersymmetry	Seungwon Baek (Korea Univ.)

Colliders - Higgs Phenomenology, Small Auditorium A		
Monday, 30.7.2007, Small Auditorium A		
<i>Chairperson: to be announced</i>		
16:30-16:50	Determination of the CP quantum numbers of neutral Higgs bosons in the tau decay channels at the LHC	Stefan Berge (Aachen)
16:50-17:10	Complementarity of $h \rightarrow \eta\eta \rightarrow 4b$ in the search of Higgs boson at the LHC	Kingman Cheung (Natl Tsing Hua Univ.)
17:10-17:30	Hunting a light CP-odd non-standard Higgs boson at a (Super) B factory	Miguel Angel Sanchis Lozano (Valencia)
17:30-17:50	Light pseudoscalar and Higgs decay in the simplest little Higgs mode	Jeonghyeon Song (Konkuk)
17:50-18:10	Radiative Yukawa Couplings for Supersymmetric Higgs Singlets at Large $\tan(\beta)$	Robert Hodgkinson (Manchester)

Theoretical Models, Eiermann-Auditorium		
Monday, 30.7.2007		
<i>Chairperson: to be announced</i>		
16:30-16:50	Hidden Sector Baryogenesis	Jason Kumar (Texas A&M)
16:50-17:10	Extended Higgs Models and the Transition to Exact Susy	Louis Clavelli (Univ. of Alabama)
17:10-17:30	Cycling in the Throat	Ivonne Zavala (Durham)
17:30-17:50	Very Light Cosmological Scalar Fields from a Tiny Cosmological Constant	Xavier Calmet (Bruxelles)
17:50-18:10	Signals of Supercritical String Theory at the LHC	Teruki Kamon (Texas A&M)
18:10-18:30	Large Gravitational Waves in String-Inflation	Axel Krause (Munich)

Colliders - Susy Phenomenology, Gaede-Auditorium		
Monday, 30.7.2007		
<i>Chairperson: Werner Porod</i>		
14:00-14:20	Sneutrino-antisneutrino mixing at future colliders	Tuomas Honkavaara (Helsinki)
14:20-14:40	Effects of Lepton Flavour Violation on Chargino Production at the Linear Collider	Thomas Kernreiter (Vienna)
14:40-15:00	Impact of slepton generation mixing on the search for sneutrinos	Keisho Hidaka (Tokyo)
15:00-15:20	R-Parity violating minimal supergravity at the LHC	Sebastian Grab (Bonn)
15:20-15:40	Long-lived superpartners in the MSSM	Alexey Gladyshev (Joint Inst. for Nuclear Research)
15:40-16:00	Sweet Spot Supersymmetry	Masahiro Ibe (SLAC)
16:00-16:30	coffee break	
<i>Chairperson: Dirk Zerwas</i>		
16:30-16:50	Precision gluino mass at the LHC in the Focus Point region	Gabe Shaughnessy (Univ. of Wisconsin)
16:50-17:10	Extended LHC reach of the focus point SUSY region	Alexander Belyaev (Southampton)
17:10-17:30	Right-Chiral Sneutrino LSP in mSUGRA: Event characteristics of NLSP at LHC	Santosh Kumar Rai (Helsinki)
17:30-17:50	Precision Measurement of the Stop Quark Mass at the ILC	Andre Sopczak (Lancaster)
17:50-18:10	Detecting metastable staus and gravitinos at the ILC	Hans-Ulrich Martyn (DESY, Aachen)
18:10-18:30	Spin Analysis of Supersymmetric Particles	Peter Matthias Zerwas (DESY, Aachen)