

Program for SUSY2007, Karlsruhe, July 26 - August 1, 2007.

SUSY07 Parallel Program: Alternatives - Small Auditorium B

Thursday, 26.7.2007		
<i>Chairperson: Hsin-Chia Cheng</i>		
14:00-14:20	Warped/Composite Phenomenology Simplified	Roberto Contino (CERN)
14:20-14:40	Collider signatures of new heavy quarks	Anupama Atrre (Univ. of Wisconsin)
14:40-15:00	Warped Gravitons at the LHC and Beyond	Hooman Davoudiasl (Brookhaven Nat. Lab.)
15:00-15:20	Searching for the Kaluza-Klein Graviton in Bulk RS Models	Jared Kaplan (Harvard)
15:20-15:40	The Randall-Sundrum model and high- P_T tops	Ben Lillie (Argonne, Chicago)
15:40-16:00	Non-SUSY searches at HERA	Peter Schleper (Hamburg)
16:00-16:30	coffee break	
<i>Chairperson: Piotr Traczyk</i>		
16:30-16:50	Searches for Extra Dimensions and for Heavy Resonances in Dilepton, Diphoton, Electron + Photon and Electron + Missing ET Final States with the D0 Detector	Carsten Magass (Aachen)
16:50-17:10	Precision constraints on warped scenarios with custodial protection	Eduardo Ponton (Columbia Univ.)
17:10-17:30	New Tests for Sub-Gravitational Forces at Short Distances	Jacob Wacker (SLAC)
17:30-17:50	Sensitivity of the LHC Experiment to Extra Dimensions	Tracey Berry (London)
17:50-18:10	Gravitational Fixed Points and Virtual-Graviton Signals at LHC	Tilman Plehn (Edinburgh)
18:10-18:30	Searches for New Physics in the Top Quark Samples at CDF	Susana Cabrera Urban (IFIC UV-CSIC)

Friday, 27.7.2007*Chairperson: Jay Wacker*

14:00-14:20	Discovery Potential of LHC for Extended Gauge Symmetries	Gernot Krobath (Munich)
14:20-14:40	Little Higgs Model Discrimination at the LHC and ILC	Jürgen Reuter (Freiburg)
14:40-15:00	LFV in the Littlest Higgs Model with T-Parity: a Clear Distinction from SUSY	Björn Duling (Munich)
15:00-15:20	Topological physics of little higgs bosons	Hill Richard (Fermilab)
15:20-15:40	One-loop Radiative Corrections to the ρ Parameter	Dong-Won Jung (KIAS)
15:40-16:00	Physics of the pseudo-Goldstone higgs from five dimensions	Adam Falkowski (CERN)
16:00-16:30	coffee break	

Chairperson: Greg Landsberg

16:30-16:50	Is the Higgs boson elementary or composite?	Vyacheslav Rychkov (Scuola Normale Superiore)
16:50-17:10	The S-parameter in Holographic Technicolor Models	Matthew Reece (Cornell Univ.)
17:10-17:30	Minimal Walking Technicolor for Colliders	Mads Toudal Frandsen (Kopenhagen)
17:30-17:50	Collider Phenomenology of Higgsless models	Alexander Belyaev (Southampton)
17:50-18:10	Electroweak Symmetry Breaking without Higgs Bosons at LHC	Pierre-Antoine Delsart (Physique experimentale des particules)
18:10-18:30	Black Holes and ADD gravitons at the LHC	Sezen Sekmen (METU)

Monday, 30.7.2007*Chairperson: Piotr Traczyk*

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)

Tuesday, 31.7.2007*Chairperson: Hooman Davoudiasl*

14:00-14:20	Renormalizable 1/N Expansion for Field Theories in Extra Dimensions	Grigory Vartanov (Joint Inst. for Nuclear Research)
14:20-14:40	Dynamical breakdown of Abelian gauge chiral symmetry by strong Yukawa interactions	Petr Benes (Prague)
14:40-15:00	Hidden fermion as milli-charged Dark Matter in Stueckelberg Z' model	Tzu-Chiang Yuan (National Tsing Hua Univ.)
15:00-15:20	Novel signals in unparticle physics	Kingman Cheung (Natl Tsing Hua Univ)
15:20-15:40	Noncommutative Higgs and/or Dark Matter Sectors	Xavier Calmet (Bruxelles)
15:40-16:00	Conformal Symmetry and the Standard Model	Krzysztof Meissner (Warsaw)
16:00-16:30	coffee break	

Chairperson: Greg Landsberg

16:30-16:50	A New Extension of the Standard Model	Satyanarayan Nandi (Oklahoma State Univ.)
16:50-17:10	Supersymmetry breaking by constant boundary superpotentials in warped space	Nobuhiro Uekusa (Helsinki)
17:10-17:30	Exotic Isosinglet Quarks and Squarks at the LHC	Brent Nelson (Northeastern Univ.)
17:30-17:50	MPP inspired Two-Higgs Doublet Model	Roman Nevzorov (Glasgow)
17:50-18:10	Contact Interactions at the LHC	Monica Acosta (CERN)
18:10-18:30	Trigger Strategy for Alternative signatures at the LHC	Tulika Bose (Brown)

SUSY07 Parallel Sessions: Colliders - Higgs Phenomenology - Small Auditorium A

Thursday, 26.7.2007		
<i>Chairperson: Yves Sirois</i>		
14:00-14:30	Search for Associated Production of Higgs and EW Bosons at the Tevatron	Meenakshi Narain (Brown Univ.)
14:30-15:00	Search for Higgs Bosons in H to WW Decays at the Tevatron	Nils Krumnack (Baylor University)
15:00-15:30	Search for Supersymmetric Neutral Higgs Bosons at the Tevatron (CDF & D0 Collaboration)	Tim Scanlon (Imperial College, London)
15:30-16:00	Search for Higgs decays to tau lepton pairs at the Tevatron	Ilya Kravchenko (MIT)
16:00-16:30	coffee break	
<i>Chairperson: Charalampos Anastasiou</i>		
16:30-16:50	Heavy MSSM Higgs bosons at the LHC	Sven Heinemeyer (IFCA)
16:50-17:10	MSSM Higgs-boson production in bottom-quark fusion: electroweak radiative corrections	Alexander Muck (Aachen)
17:10-17:30	Discovering the Higgs Bosons with Tau Leptons and a Bottom Quark	Chung Kao (Univ. of Oklahoma)
17:30-17:50	Associated charged Higgs and W boson production in the MSSM at the CERN Large Hadron Collider	Stefan Hesselbach (Southampton)
17:50-18:10	Charged Higgs production at the LHC in minimal flavor violation and beyond	Michael Spannowsky (LMU)
18:10-18:30	Decay of Charged Higgs boson in TeV scale supersymmetric seesaw model	Satoru Kaneko (Valencia)

Friday, 27.7.2007		
<i>Chairperson: Hans-Ulrich Martyn</i>		
14:00-14:20	Search for supersymmetric charged Higgs bosons at the Tevatron (CDF & D0 Collaboration)	Gerald Grenier (IPNL-IN2P3)
14:20-14:40	Search for single top production at CDF	Dominic Hirschbuehl (KIT)
14:40-15:10	Discovery potential for the SM Higgs boson in exclusive final states	Sandra Horvat (MPI)
15:10-15:40	Discovery potential for the SM Higgs boson in the inclusive search channels	Alexander Schmidt (KIT)
15:40-16:00	Search for Neutral Higgs Bosons in MSSM-like topologies	Markus Klute (MIT)
16:00-16:30	coffee break	
<i>Chairperson: Georg Weiglein</i>		
16:30-16:50	Higgs boson decays in the Complex MSSM	Karina Williams (Durham)
16:50-17:10	Higgs production and decay in SUSY with CP violation	Stefan Hesselbach (Southampton)
17:10-17:30	The Higgs sector in the MSSM with CP-phases at higher orders	Heidi Rzehak (Villigen PSI)
17:30-17:50	Higgs Masses in the Complex MSSM with FeynHiggs	Thomas Hahn (MPI for Nuclear Physics)
17:50-18:10	Higgs-Boson Phenomenology in the NUHM	Sven Heinemeyer (IFCA), Georg Weiglein (Durham)
18:10-18:30	Light MSSM Higgs boson scenario and its test at hadron colliders	Alexander Belyaev (Southampton)
Saturday, 28.7.2007		
<i>Chairperson: Markus Schumacher</i>		
14:00-14:20	Search for Charged Higgs bosons at the LHC	Martin Flechl (Uppsala)
14:20-14:40	Search for Higgs Bosons in Non-Minimal models	Nancy Marinelli (Notre Dame)
14:40-15:00	Determination of the discovery potential for Higgs bosons in the MSSM	Dorian Kcira (Univ. Catholique de Louvain)
15:00-15:20	Determination of Higgs bosons properties at LHC	Christoph Ruwiedel (Bonn)
15:20-15:40	Double Parton Scattering in Associate Higgs Boson Production with Bottom Quarks at Hadron Colliders	Mohammad Hussein (Univ. of Bahrain)
15:40-16:00	Distributions for Higgs + jet at hadron colliders: MSSM versus SM	Oliver Brein (Durham)
16:00-16:30	coffee break	
<i>Chairperson: Peter Matthias Zerwas</i>		
16:30-16:50	Higgs and Sparticle Spectroscopy	Ilia Gogoladze (Univ. of Delaware)
16:50-17:10	Higgs boson production at the LHC: transverse-momentum and rapidity dependence	Giuseppe Bozzi (KIT)
17:10-17:30	Higgs Boson Production via Gluon Fusion: SUSY-QCD Corrections	Michael Spira (PSI)
17:30-17:50	Susy QCD corrections to Higgs production in gluon fusion	Charalampos Anastasiou (CERN)

Monday, 30.7.2007*Chairperson: John Gunion*

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)

SUSY07 Parallel Sessions: Colliders - SUSY Phenomenology - Gaede-Auditorium

Thursday, 26.7.2007		
<i>Chairperson: Werner Porod</i>		
14:00-14:20	Towards reconstructing the SUSY Lagrangian with Fittino	Philip Bechtle (DESY)
14:20-14:40	SFitter: Reconstructing the MSSM Lagrangian from LHC data	Michael Rauch (Edinburgh)
14:40-15:00	SUSY breaking now easy and generic	Hitoshi Murayama (Berkeley National Laboratory)
15:00-15:20	About the Running and Decoupling in the MSSM	Luminita Mihaila (KIT)
15:20-15:40	Unitarity constraints on trilinear couplings in the MSSM	Alexander Schüssler (KIT)
15:40-16:00	LHC/ILC analysis for SUSY scenarios with heavy sfermions	Gudrid Moortgat-Pick (Durham)
16:00-16:30	coffee break	
<i>Chairperson: Dirk Zerwas</i>		
16:30-16:50	Inclusive Search for Squark/Gluino Production at CDF	Monica D'Onofrio (IFAE)
16:50-17:10	Searches for squarks and gluinos in Jets+Missing Transverse Energy Final states with the D0 Detector	Mansoor Shamim (Kansas State Univ.)
17:10-17:30	SUSY searches in all-hadronic states with large MET at the LHC	Michael Tytgat (Ghent, CERN)
17:30-17:50	SUSY sensitivity in final states with leptons jets and MET at the LHC	Massimiliano Chiorboli (Univ. di Catania)
17:50-18:10	Strategy for early SUSY searches at the LHC	Shimpei Yamamoto (Kyoto)
18:10-18:30	Trigger strategy for SUSY searches at the LHC	Antonella De Santo (RHUL)

Friday, 27.7.2007		
<i>Chairperson: Werner Porod</i>		
14:00-14:20	Electroweak Contributions to Squark Pair Production	Sascha Bornhauser (Bonn)
14:20-14:40	EW Corrections to Pair Production of Top-squarks at the LHC	Monika Kollar (Munich)
14:40-15:00	One-loop corrections in chargino sector with CPV phases	Krzysztof Rolbiecki (Warsaw)
15:00-15:20	Transverse-momentum, threshold and joint resummations for slepton-pair production at hadron colliders	Benjamin Fuks (Grenoble)
15:20-15:40	Multiparticle SUSY simulations at LHC & ILC: Off-Shell effects, interferences and radiative corrections	Jürgen Reuter (Freiburg)
16:00-16:30	coffee break	
<i>Chairperson: Darin Acosta</i>		
16:30-17:10	Results of searches for Leptoquarks, Isolated Leptons and Multileptons at HERA	Judith Katzy (DESY, Hamburg)
17:10-17:30	Search for scalar top admixture in the $t\bar{t} \rightarrow \ell + \text{jets}$ channel with the D0 detector	Su-Jung Park (Rochester)
17:30-17:50	Search for the Associated Production of Charginos and Neutralinos with the D0 detector	Olav Mundal (Bonn)
17:50-18:10	Search for Chargino-Neutralino Pairs at CDF	Else Lytken (CERN)
18:10-18:30	SUSY searches in trilepton final states at the LHC	Martin Niegel (KIT)
Saturday, 28.7.2007		
<i>Chairperson: Dirk Zerwas</i>		
14:00-14:20	NLO Event Generation for Chargino Production at the ILC	Tania Robens (Aachen)
14:20-14:40	Two-photon exclusive production of supersymmetric pairs at the LHC	Krzysztof Piotrkowski (Louvain)
14:40-15:00	Probing the SUSY-QCD coupling identity at LHC	Ayres Freitas (Zurich)
15:00-15:20	Tau polarization in SUSY cascade decays at LHC	Kentarou Mawatari (Korea Inst. for Adv. Study)
15:20-15:40	Reconstructing Sparticle Mass Spectra using Hadronic Decays	Are Raklev (Bergen)
15:40-16:00	Mass Determination in SUSY-like Events with Missing Energy	John Gunion (Univ. of California)
16:00-16:30	coffee break	
<i>Chairperson: Darin Acosta</i>		
16:30-16:50	Searches for Heavy, Long-Lived Particles at CDF	Vyacheslav Krutelyov (UC Santa Barbara)
16:50-17:10	R-hadron and long lived particle searches at LHC	Shikma Bressler (Israel Inst. of Technology)
17:10-17:30	Search for Supersymmetry with Gauge-Mediated Breaking with the D0 Detector	Yuri Gershtein (Florida State Univ.)
17:30-17:50	CDF Searches for New Physics with Photons	Andrey Loginov (Yale)
17:50-18:10	Search for GMSB NLSPs at LHC	Piotr Zalewski (Warsaw)
18:10-18:30	SUSY parameters determination with ATLAS	Nurcan Ozturk (Univ. of Texas, Arlington)

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	Extended LHC reach of the focus point SUSY region	Alexander Belyaev (Southampton)
16:50-17:10	Right-Chiral Sneutrino LSP in mSUGRA: Event characteristics of NLSP at LHC	Santosh Kumar Rai (Helsinki)
17:10-17:30	Precision Measurement of the Stop Quark Mass at the ILC	Andre Sopczak (Lancaster)
17:30-17:50	Detecting metastable staus and gravitinos at the ILC	Hans-Ulrich Martyn (DESY, Aachen)
17:50-18:10	Spin Analysis of Supersymmetric Particles	Peter Matthias Zerwas (DESY, Aachen)
Tuesday, 31.7.2007		
<i>Chairperson: Werner Porod</i>		
14:00-14:20	A Collider Signature of the Supersymmetric Golden Region	Christian Spethmann (Cornell Univ.)
14:20-14:40	LHC detection reach for lambdaSusy	Roberto Franceschini (Pisa)
14:40-15:00	SUSY Dark Matter models with a well-tempered neutralino	Howard Baer (Florida State Univ.)
15:00-15:20	Flavour Violating Interactions of Supersymmetric Particles	Andrew Box (Hawaii)
15:20-15:40	Nonlinear gauge fixing for FeynArts	Thomas Gajdosik (Vilnius Univ.)
15:40-16:00	ffmssmsc – a C++ library for superpartner mass calculation and renormalization group analysis of the MSSM	Alexei Sheplyakov (JINR)
16:00-16:30	coffee break	
<i>Chairperson: Darin Acosta</i>		
16:30-16:50	MSSM precision physics at the Z resonance	Arne Weber (Munich)
16:50-17:10	SUSY in the Light of B Physics and Electroweak Precision Observables	Georg Weiglein (Durham)
17:10-17:30	Preparing LHC: new constraints from isospin asymmetry in $b \rightarrow s \gamma$ transitions	Nazila Mahmoudi (Mount Allison Univ.)
17:30-17:50	Development of a consistent framework for indirect MSSM constraints	Oliver Buchmuller (CERN), Frederic Ronga (CERN)
17:50-18:10	Inverting the LHC with the ILC	Ben Lillie (Argonne, Chicago)

SUSY07 Parallel Sessions: Cosmology and Astrophysics - Lehmann-Auditorium

Thursday, 26.7.2007		
<i>Chairperson: Dan Hooper</i>		
14:00-14:20	Indirect search for Dark Matter with the ANTARES neutrino telescope	Gordon Lim (NIKHEF)
14:20-14:40	Where, when and how SUSY is showering in the sky	Daniele Fargion (Rome, INFN)
14:40-15:00	Neutrinos from WIMP annihilations	Mattias Blennow (Royal Inst. of Technology)
15:00-15:20	Reflection of Microwave from Energy Deposit by X-ray Irradiation in Rock Salt: Implying Salt Ultra High Energy Neutrino Detector to act like a Radio Bubble Chamber	Masami Chiba (Tokyo)
15:20-15:40	Long lived status in IceCube from atmospheric neutrinos	Stefano Profumo (Santa Cruz)
15:40-16:00	Indirect Dark Matter search with H.E.S.S.	Emmanuel Moulin (DAPNIA/SPP)
16:00-16:30	coffee break	
<i>Chairperson: Stefano Profumo</i>		
16:30-16:50	Indirect searches for Dark Matter with AMS02	Pierre Brun (LAPP)
16:50-17:10	The dark connection between the Canis Major dwarf, the Monoceros ring, the gas flaring, the rotation curve and the EGRET excess of diffuse Galactic Gamma Rays	Wim De Boer (KIT)
17:10-17:30	Supersymmetric Interpretation of the EGRET excess in diffuse Galactic gamma rays	Christian Sander (Hamburg)
17:30-17:50	Determination of the Dark Matter profile from the EGRET excess of diffuse Galactic gamma rays	Markus Weber (KIT)
17:50-18:10	Uncertainties of the antiproton flux from Dark Matter annihilation in comparison with the EGRET excess of diffuse gamma rays	Iris Gebauer (KIT)
18:10-18:30	The anomaly in the cosmic ray positron spectrum	Jan Olzem (Aachen)

Friday, 27.7.2007		
<i>Chairperson: Klaus Eitel</i>		
14:00-14:20	A Dark Matter Tool on the Web	Rachid Lemrani (CEA/DAPNIA/SPP)
14:20-14:40	Determining the WIMP Mass from Direct Dark Matter Detection Data	Chung-Lin Shan (Bonn)
14:40-15:00	Status of the EDELWEISS-2 Dark Matter Search	Astrid Chantelauze (KIT)
15:00-15:20	New results from the XENON10 direct Dark Matter search	Daniel McKinsey (Yale)
15:20-15:40	LUX: A Large Two-phase Liquid Xenon Detector for WIMP Search	Mani Tripathi (UC Davis)
15:40-16:00	Systematics and background suppression in the KATRIN experiment	Kathrin Valerius (Münster)
16:00-16:30	coffee break	
<i>Chairperson: Mani Tripathi</i>		
16:30-16:50	Constraints on the very early universe from WIMP Dark Matter	Mitsuru Kakizaki (Bonn)
16:50-17:10	Phenomenology of sub-GUT Supersymmetry Breaking	Pearl Sandick (Univ. of Minnesota)
17:10-17:30	The Lightest Higgs Boson and Relic Neutralino in the MSSM with CP Violation	Stefano Scopel (Seoul)
17:30-17:50	SUSY-GUTs, SUSY-Seesaw and the Neutralino Dark Matter	Lorenzo Calibbi (Valencia)
17:50-18:10	Effect of radiative corrections at order α_s to neutralino annihilation processes on the cold Dark Matter relic density	Björn Herrmann (Grenoble)
18:10-18:30	Constraining the mSUGRA parameter space through entropy and abundance criteria	Myriam Mondragon (UNAM)
Saturday, 28.7.2007		
<i>Chairperson: Stefano Scopel</i>		
14:00-14:20	Connections between colliders and cosmology in the nMSSM	Ayres Freitas (Zurich)
14:20-14:40	Phenomenology of Models with Mirage Unification	Xerxes Tata (Hawaii)
14:40-15:00	Non-Universal gaugino masses and implications on the Dark Matter and Higgs searches	Jari Laamanen (Helsinki)
15:00-15:20	Lightest neutralino in the MNSSM	Roman Nevzorov (Glasgow)
15:20-15:40	Mixed-sneutrino Dark Matter at the LHC	David Tucker-Smith (Williams College)
15:40-16:00	Dark Matter in SUGRA models and the LHC	David Toback (Texas A&M)
16:00-16:30	coffee break	
<i>Chairperson: Daniel Chung</i>		
16:30-16:50	RH Sneutrino Condensate CDM and the Baryon-to-Dark Matter Ratio	John McDonald (Lancaster)
16:50-17:10	Unification and Dark Matter in a Minimal Scalar Extension of the Standard Model	Mariangela Lisanti (SLAC)
17:30-17:50	Stability and Leptogenesis in the left-right symmetric SeeSaw mechanism	Tomas Hällgren (Royal Inst. of Technology)
17:50-18:10	Leptogenesis in the Exceptional Supersymmetric Standard Model	Rui Luo (Glasgow)
18:10-18:30	Dark Matter from brane oscillations	Tonnis ter Veldhuis (Macalester College)

Monday, 30.7.2007		
<i>Chairperson: Sabine Kraml</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: Lisa Everett</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 Turzyski (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)
Tuesday, 31.7.2007		
<i>Chairperson: Laura Baudis</i>		
14:00-14:20	Extremely Long Lived Charged Massive Particles as A Probe of the Early Universe	Fumihiro Takayama (Cornell Univ.)
14:20-14:40	Supersymmetry, Dark Matter, and Dark Energy	Lisa Everett (Univ. of Wisconsin)
14:40-15:00	Robustness of quintessence models against quantum corrections	Mathias Garny (MPI for Nuclear Physics)
15:00-15:20	A New Constraint System Applied to Modifying Gravity	Daniel Chung (Univ. of Wisconsin)
15:20-15:40	Primordial nucleosynthesis as a probe of fundamental physics parameters	Thomas Dent (Heidelberg)
15:40-16:00	Low energy particle physics and cosmology of Nonlinear Supersymmetric General Relativity(NLSUSUGR)	Kazunari Shima (Saitama Inst. of Technology)

SUSY07 Parallel Sessions: Flavor Physics - Eiermann Auditorium

Friday, 27.7.2007		
<i>Chairperson: Martin Gorbahn, Gorge Hou</i>		
14:00-14:20	Tau decays at the B-Factories	Sanjay Swain (SLAC)
14:20-14:40	The muon magnetic moment and supersymmetry	Dominik Stockinger (Glasgow)
14:40-15:00	Lepton Universality breaking as a Probe of New Physics	Paride Paradisi (Valencia, IFIC)
15:00-15:20	Lepton Flavour Violation in the SUSY-SeeSaw, an update	Herrero Maria J. (Madrid)
15:20-15:40	Lepton Flavor Violation at the LHC	Frank Deppisch (DESY)
15:40-16:00	Bounds on R-parity violating supersymmetric couplings from leptonic and semi-leptonic meson decays	Ben O'Leary (Aachen)
16:00-16:30	coffee break	
<i>Chairperson: Martin Gorbahn, Steven Robertson</i>		
16:30-16:50	Radiative penguin decays at the B-Factories	Karsten Koeneke (MIT)
16:50-17:10	Leptonic decays at BaBar	Guglielmo De Nardo (INFN Sezione di Napoli)
17:10-17:30	Studies of B decays with missing energy at Belle	Maria Rozanska (Krakow)
17:30-17:50	CP violation in $b \rightarrow s$ penguin decays at BaBar	Nitesh Soni (Birmingham)
17:50-18:10	Studies of penguin dominated B decays at Belle	Yosuke Yusa (Virginia Tech)
18:10-18:30	Branching Fractions and Direct CP Asymmetries of Charmless B Decay Modes at the Tevatron	Michal Kreps (KIT)

Saturday, 28.7.2007

Chairperson: Sebastian Jäger, Christopher Smith

14:00-14:20	Leptogenesis and LFV in the left-right symmetric seesaw mechanism	Stephane Lavignac (SPHT Saclay)
14:20-14:40	Predictive Model of Inverted Neutrino Mass Hierarchies and Resonant Leptogenesis	Zurab Tavartkiladze (Oklahoma State Univ.)
14:40-15:00	Impact of non-standard neutrino interactions on future oscillation experiments	Toshihiko Ota (MPI for Nuclear Physics)
15:00-15:20	MiniBooNE and shortcuts in the extra dimension	Heinrich Paes (Univ. of Alabama)
15:20-15:40	Detecting atmospheric neutrino oscillations in ATLAS	Joachim Kopp (Heidelberg)
15:40-16:00	Search for neutrinoless double beta decay with NEMO-3 and SuperNEMO	Vladimir Vasiliev (London)
16:00-16:30	coffee break	

Chairperson: Sebastian Jäger, Stephanie Trine

16:30-16:50	Renormalization Group Evolution of Neutrino Masses in Type I and Type II Seesaw Scenarios	Michael Schmidt (Max-Planck-Inst. für Kernphysik)
16:50-17:10	Constructing Seesaw Textures in Quark-Lepton Complementarity	Florian Plentinger (Würzburg)
17:10-17:30	Can LHC Test the See-Saw Mechanism?	Joern Kersten (ICTP)
17:30-17:50	Neutrino Masses and Mixings from Quark Mass Hierarchies	Sören Wiesenfeldt (UIUC)
17:50-18:10	SO(10) SUSY GUTs with family symmetries: the test of FCNCs	Wolfgang Altmannshofer (Munich)
18:10-18:30	Flavor violation in a SUSY GUT	Jae-hyeon Park (Tohoku)

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 Kreps</i>		
16:30-16:50	D0 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	Pieter van den Berg (NIKHEF)
17:10-17:30	The MFV-MSSM as a natural route to near-flavour-conservation in SUSY. Application to meson mixings	Diego Guadagnoli (Munich)
17:30-17:50	The Higgs sector of the MSSM and B-Bbar mixing for large $\tan(\beta)$	Stephanie Trine (KIT)
17:50-18:10	Bs-Bsbar mixing and $B_s \rightarrow KK$ decays within supersymmetry	Seungwon Baek (Korea Univ.)

Tuesday, 31.7.2007*Chairperson: Steven Robertson, Stephanie Trine*

14:00-14:20	Study of annihilation and radiative decays of heavy mesons at Dzero	Elliot Cheu (Univ. of Arizona)
14:20-14:40	Search for Rare B and D Hadron Decays at CDF	Philipp Mack (KIT)
14:40-15:00	Study of the decay $B_s \rightarrow J/\psi \phi$ at CMS and ATLAS	Stefan König (PSI Villingen)
15:00-15:20	Rare B decays at LHCb	Michela Lenzi (INFN)
15:20-15:40	Recent progress on supersymmetric effects in rare K decays	Christopher Smith (Bern)
15:40-16:00	Flavour symmetries and the SUSY soft-breaking sector: EDMs and FCNCs	Oscar Vives (Valencia)
16:00-16:30	coffee break	
<i>Chairperson: George Hou, Michal Kreps</i>		
16:30-16:50	Unitarity Triangle analysis beyond the Standard Model: general analysis and constraints on specific models	Maurizio Pierini (CERN)
16:50-17:10	Searching for new physics using CP conserving and CP violating B_s mixing parameters at Dzero	James Walder (Lancaster)
17:10-17:30	Lifetime Difference and CP Asymmetry in the $B_s^0 \rightarrow J/\psi \phi$ Mode	Thomas Kuhr (KIT)
17:30-17:50	Study of DiMuon Rare Beauty decays with ATLAS and CMS	Antonio Policicchio (Universita degli Studi della Calabria)
17:50-18:10	Time-dependent CP asymmetries in B_s decays at LHCb	Johan Blouw (MPI)
18:10-18:30	Prospects for a high-luminosity Super B Factory	Maurizio Pierini (CERN)

SUSY07 Parallel Sessions: Theoretical Models - Jordan Auditorium

Thursday, 26.7.2007		
<i>Chairperson: Stefan Groot Nibbelink</i>		
14:00-14:20	Dimensional Reduction Applied To Non-SUSY Theories	Philipp Kant (KIT)
14:20-14:40	Lattice Formulation of Two Dimensional Topological Field Theory	Tomohisa Takimi (RIKEN)
14:40-15:00	Graphical Representation of SUSY and Application to QFT	Shoichi Ichinose (Shizuoka)
15:00-15:20	Supersymmetric three dimensional conformal sigma models	Etsuko Itou (Kyoto)
15:20-15:40	Supersymmetry with Ghosts	Dumitru Ghilencea (Oxford)
15:40-16:00	Reheating Metastable O’Raifeartaigh Models	Nathaniel Craig (Stanford)
16:00-16:30	coffee break	
<i>Chairperson: Stuart Raby</i>		
16:30-16:50	See-saw neutrinos from string theory	Oleg Lebedev (CERN)
16:50-17:10	Exploring the landscape - statistics of string theory vacua	Florian Gmeiner (NIKHEF)
17:10-17:30	SUSY Multi-Step Unification without Doublet-Triplet Splitting	Jürgen Reuter (Freiburg)
17:30-17:50	Gauge coupling unification and Light Exotica in String Theory	Akin Wingerter (Ohio State Univ.)
17:50-18:10	Local SU(5) Unification in 6D from the Heterotic String	Christoph Lüdeling (Heidelberg)
18:10-18:30	GUT-like Superstring Standard Model from the Heterotic String	Bumseok Kye (KIAS)
Saturday, 28.7.2007		
<i>Chairperson: Ben Lillie</i>		
14:00-14:20	Flux Stabilization in 6 Dimensions: D-terms and Loop Corrections	Michele Trapletti (Heidelberg)
14:20-14:40	Smooth heterotic compactifications and anomalous U(1)s	Gabriele Honecker (CERN)
14:40-15:00	F-term uplifting via consistent D-terms	Oliver Eyton-Williams (Warsaw)
15:00-15:20	Moduli Stabilization in Heterotic-Inspired Supergravity	Alexander Westphal (SISSA)
15:20-15:40	Low energy SUSY from the heterotic string	Oleg Lebedev (CERN)
15:40-16:00	Measuring Fine tuning in Supersymmetry	Peter Athron (Glasgow)
16:00-16:30	coffee break	
<i>Chairperson: Ben Lillie</i>		
16:30-16:50	Confronting Finite Unified Theories with low-energy phenomenology	Myriam Mondragon (UNAM)
16:50-17:10	Bulk-brane supergravity	Dmitry Belyaev (DESY)
17:10-17:30	Energy Transfer and Kaluza-Klein Mode Decay between Throats	Benedict Harling (Heidelberg)
17:30-17:50	Radius stabilization in 5D SUGRA models on orbifold	Yutaka Sakamura (Osaka)

Monday, 30.7.2007*Chairperson: Arthur Hebecker*

16:30-16:50	Intersecting Brane Models and Cosmology	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)

Tuesday, 31.7.2007*Chairperson: Norisuke Sakai*

14:00-14:20	Local SUSY-breaking minima in $N_f = N_c$ SCQD?	Andrey Katz (Israel Inst. of Technology)
14:20-14:40	A natural renormalizable model of metastable SUSY breaking	Felix Brümmer (Heidelberg)
14:40-15:00	O’Raifeartaigh models with spontaneous R-symmetry breaking	Luca Ferretti (SISSA/ISAS)
15:00-15:20	Metastable Dynamical Supersymmetry Breaking near Points of Enhanced Symmetry	Rouven Essig (Rutgers Univ.)
15:20-15:40	Blowups of heterotic orbifolds using toric geometry	Stefan Groot Nibbelink (Heidelberg)
15:40-16:00	Phenomenology of large volume models in type IIB string theory	Kerim Suruliz (Cambridge)
16:00-16:30	coffee break	

Chairperson: Arthur Hebecker

16:30-16:50	Effective Action of Domain Wall Networks	Norisuke Sakai (Tokyo)
16:50-17:10	Deformation of Dijkgraaf-Vafa Relation via Spontaneously Broken N=2 Supersymmetry	Kazunobu Maruyoshi (Osaka City)
17:10-17:30	Instantons in deformed supersymmetric gauge theories	Shin Sasaki (Helsinki)
17:30-17:50	Higher Derivative Corrections in M-theory via Local Supersymmetry	Yoshifumi Hyakutake (Osaka)
17:50-18:10	Counting BPS Solitons and Applications	Kazutoshi Ohta (Tohoku)