

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

Chairperson: Seungwon Baek, Pyungwon Ko

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	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	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	B_s - B_s bar 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)