

Friday, 27.7.2007

Alternatives, Small Auditorium B		
Friday, 27.7.2007		
<i>Chairperson: to be announced</i>		
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	
<i>Chairperson: to be announced</i>		
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)

Cosmology, Lehmann-Auditorium		
Friday, 27.7.2007		
<i>Chairperson: to be announced</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: to be announced</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)

Flavor Physics, Eiermann-Auditorium		
Friday, 27.7.2007		
<i>Chairperson: Martin Gorbahn, George 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	BaBar Collaboration
16:50-17:10	Leptonic decays at BaBar	BaBar Collaboration
17:10-17:30	Studies of B decays with missing energy	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	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)
Colliders - Higgs Phenomenology, Small Auditorium A		
Friday, 27.7.2007		
<i>Chairperson: to be announced</i>		
14:00-14:20	Search for supersymmetric charged Higgs bosons at the Tevatron - a mini Review (CDF & D0 Collaboration)	CDF / D0 Speaker
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: to be announced</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	Poulose Poulose (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)

Colliders - Susy Phenomenology, Gaede-Auditorium		
Friday, 27.7.2007		
<i>Chairperson: Werner Porod</i>		
14:00-14:20	Neutralino one-loop branching ratios	Bernhard Schraüfer (OeAW)
14:20-14:40	Electroweak Contributions to Squark Pair Production	Sascha Bornhauser (Bonn)
14:40-15:00	EW Corrections to Pair Production of Top-squarks at the LHC	Monika Kollar (Munich)
15:00-15:20	One-loop corrections in chargino sector with CPV phases	Krzysztof Rolbiecki (Warsaw)
15:20-15:40	Transverse-momentum, threshold and joint resummations for slepton-pair production at hadron colliders	Benjamin Fuks (Grenoble)
15:40-16:00	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>		
16:30-16:50	Search for scalar top admixture in the $t\bar{t} \rightarrow \ell + \text{jets}$ channel with the D0 detector	Su-Jung Park (Rochester) (D0)
16:50-17:10	Search for the Associated Production of Charginos and Neutralinos with the D0 detector	Olav Mundal (Bonn) (D0)
17:10-17:30	Search for Chargino-Neutralino Pairs at CDF	Else Lytken (CERN)
17:30-17:50	SUSY searches in trilepton final states at the LHC	Martin Niegel (KIT)
17:50-18:30	Results of searches for Leptoquarks, Isolated Leptons and Multileptons at HERA	Judith Katzy (DESY, Hamburg)