

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

<b>Thursday, 26.7.2007</b>		
<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)

<b>Friday, 27.7.2007</b>		
<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)
<b>Saturday, 28.7.2007</b>		
<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)