

SUSY07 Parallel Sessions: Colliders - SUSY Phenomenology

Thursday, 26.7.2007		
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	Luminita Mihaila (KIT)
15:00-15:20	About the Running and Decoupling in the MSSM	Alexander Schüssler (KIT)
15:20-15:40	Unitarity constraints on trilinear couplings in the MSSM	Alexander Schüssler (KIT)
15:40-16:00	Nonlinear gauge fixing for FeynArts	Thomas Gajdosik (Fizikos)
16:00-16:30	coffee break	
16:30-16:50	Inclusive Search for Squark/Gluino Production at CDF	CDF Collaboration
16:50-17:10	Searches for squarks and gluinos in Jets+Missing Transverse Energy Final states with the D0 Detector	D0 Collaboration
17:10-17:30	SUSY Searches in all-hadronic states with large missing energy in CMS	CMS Collaboration
17:30-17:50	SUSY sensitivity in final states with leptons jets and MET in CMS	CMS Collaboration
17:50-18:10	Strategy for early SUSY searches at the LHC	ATLAS Collaboration
18:10-18:30	Trigger strategy for SUSY searches at the LHC	ATLAS Collaboration
Friday, 27.7.2007		
14:00-14:20	Neutralino one-loop branching ratios	Bernhard Schrauß (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	
16:30-16:50	Search for scalar top admixture in the $t\bar{t} \rightarrow \ell + \text{jets}$ channel with the D0 detector	D0 Collaboration
16:50-17:10	Search for the Associated Production of Charginos and Neutralinos with the D0 detector	D0 Collaboration
17:10-17:30	Search for Chargino-Neutralino Pairs at CDF	CDF Collaboration
17:30-17:50	SUSY searches with trileptons in CMS	CMS Collaboration
17:50-18:30	Results of searches for Leptoquarks, Isolated Leptons and Multileptons at HERA	Judith Katzy (DESY, Hamburg)

Saturday, 28.7.2007		
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 Advanced 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	
16:30-16:50	Searches Heavy, Long-Lived Particles at CDF	CDF Collaboration
16:50-17:10	R-hadron and long lived particle searches at ATLAS	ATLAS Collaboration
17:10-17:30	Search for Supersymmetry with Gauge-Mediated Breaking with the D0 Detector	D0 Collaboration
17:30-17:50	CDF Searches for New Physics with Photons	CDF Collaboration
17:50-18:10	Search for GMSB NLSPs in CMS	CMS Collaboration
18:10-18:30	SUSY parameters determination	ATLAS Collaboration

Monday, 30.7.2007		
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 Institute for Nuclear Research)
15:40-16:00	Sweet Spot Supersymmetry	Masahiro Ibe (SLAC)
16:00-16:30	coffee break	
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)

Tuesday, 31.7.2007

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	Leone Cavicchia (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)
16:00-16:30	coffee break	
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	
17:30-17:50	Development of a consistent framework for indirect MSSM constraints	Oliver Buchmuller (CERN)
17:50-18:10	Inverting the LHC with the ILC	Ben Lillie (Argonne, Chicago)
18:10-18:30	LHC/ILC analysis for SUSY scenarios with heavy sfermions	Gudrid Moortgat-Pick (Durham)