

## Thursday 26.07.07

Alternatives, Small Auditorium B		
Thursday, 26.7.2007		
<i>Chairperson: to be announced</i>		
14:00-14:20	Warped/Composite Phenomenology Simplified	Roberto Contino (CERN)
14:20-14:40	Collider signatures of new heavy quarks	Anupama Atre (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 Schlepfer (CERN)
16:00-16:30	coffee break	
<i>Chairperson: to be announced</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)

<b>Cosmology, Lehmann-Auditorium</b>		
<b>Thursday, 26.7.2007</b>		
<i>Chairperson: to be announced</i>		
14:00-14:20	Indirect search for Dark Matter with the ANTARES neutrino telescope	Gordon Lim (NIKHEF/ANTARES)
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 staus 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: to be announced</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)

<b>Colliders - Higgs Phenomenology, Small Auditorium A</b>		
<b>Thursday, 26.7.2007</b>		
<i>Chairperson: to be announced</i>		
14:00-14:30	Search for Associated Production of Higgs and EW Bosons (CDF & D0 Collaboration)	CDF / D0 Speaker
14:30-15:00	Search for Higgs Bosons in H to WW Decays (CDF & D0 Collaboration)	CDF / D0 Speaker
15:00-15:30	Search for Supersymmetric Neutral Higgs Bosons (CDF & D0 Collaboration)	CDF / D0 Speaker
15:30-16:00	Search for Higgs decays to tau lepton pairs (CDF & D0 Collaboration)	Ilya Kravchenko (MIT)
16:00-16:30	coffee break	
<i>Chairperson: to be announced</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>Theoretical Models, Jordan-Auditorium</b>		
<b>Thursday, 26.7.2007</b>		
<i>Chairperson: to be announced</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: to be announced</i>		
16:30-16:50	See-saw neutrinos from string theory	Michael Ratz (Munich)
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 Kyae (KIAS)

<b>Colliders - SUSY Phenomenology, Gaede-Auditorium</b>		
<b>Thursday, 26.7.2007</b>		
<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.) (D0)
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)