

SUSY07 Parallel Sessions: Theoretical Models - Jordan Auditorium

Thursday, 26.7.2007		
<i>Chairperson: Stefan Groot Nibbelink</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: Stuart Raby</i>		
16:30-16:50	See-saw neutrinos from string theory	Oleg Lebedev (CERN)
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 Kye (KIAS)
Saturday, 28.7.2007		
<i>Chairperson: Ben Lillie</i>		
14:00-14:20	Flux Stabilization in 6 Dimensions: D-terms and Loop Corrections	Michele Trapletti (Heidelberg)
14:20-14:40	Smooth heterotic compactifications and anomalous U(1)s	Gabriele Honecker (CERN)
14:40-15:00	F-term uplifting via consistent D-terms	Oliver Eyton-Williams (Warsaw)
15:00-15:20	Moduli Stabilization in Heterotic-Inspired Supergravity	Alexander Westphal (SISSA)
15:20-15:40	Low energy SUSY from the heterotic string	Oleg Lebedev (CERN)
15:40-16:00	Measuring Fine tuning in Supersymmetry	Peter Athron (Glasgow)
16:00-16:30	coffee break	
<i>Chairperson: Ben Lillie</i>		
16:30-16:50	Confronting Finite Unified Theories with low-energy phenomenology	Myriam Mondragon (UNAM)
16:50-17:10	Bulk-brane supergravity	Dmitry Belyaev (DESY)
17:10-17:30	Energy Transfer and Kaluza-Klein Mode Decay between Throats	Benedict Harling (Heidelberg)
17:30-17:50	Radius stabilization in 5D SUGRA models on orbifold	Yutaka Sakamura (Osaka)

Monday, 30.7.2007*Chairperson: Arthur Hebecker*

16:30-16:50	Intersecting Brane Models and Cosmology	Jason Kumar (Texas A&M)
16:50-17:10	Extended Higgs Models and the Transition to Exact Susy	Louis Clavelli (Univ. of Alabama)
17:10-17:30	Cycling in the Throat	Ivonne Zavala (Durham)
17:30-17:50	Very Light Cosmological Scalar Fields from a Tiny Cosmological Constant	Xavier Calmet (Bruxelles)
17:50-18:10	Signals of Supercritical String Theory at the LHC	Teruki Kamon (Texas A&M)
18:10-18:30	Large Gravitational Waves in String-Inflation	Axel Krause (Munich)

Tuesday, 31.7.2007*Chairperson: Norisuke Sakai*

14:00-14:20	Local SUSY-breaking minima in $N_f = N_c$ SCQD?	Andrey Katz (Israel Inst. of Technology)
14:20-14:40	A natural renormalizable model of metastable SUSY breaking	Felix Brümmer (Heidelberg)
14:40-15:00	O’Raifeartaigh models with spontaneous R-symmetry breaking	Luca Ferretti (SISSA/ISAS)
15:00-15:20	Metastable Dynamical Supersymmetry Breaking near Points of Enhanced Symmetry	Rouven Essig (Rutgers Univ.)
15:20-15:40	Blowups of heterotic orbifolds using toric geometry	Stefan Groot Nibbelink (Heidelberg)
15:40-16:00	Phenomenology of large volume models in type IIB string theory	Kerim Suruliz (Cambridge)
16:00-16:30	coffee break	

Chairperson: Arthur Hebecker

16:30-16:50	Effective Action of Domain Wall Networks	Norisuke Sakai (Tokyo)
16:50-17:10	Deformation of Dijkgraaf-Vafa Relation via Spontaneously Broken N=2 Supersymmetry	Kazunobu Maruyoshi (Osaka City)
17:10-17:30	Instantons in deformed supersymmetric gauge theories	Shin Sasaki (Helsinki)
17:30-17:50	Higher Derivative Corrections in M-theory via Local Supersymmetry	Yoshifumi Hyakutake (Osaka)
17:50-18:10	Counting BPS Solitons and Applications	Kazutoshi Ohta (Tohoku)