Schedule of the IX IFT-UAM/CSIC Christmas Workshop on Particle Physics, Madrid, December 15-17, 2003

Morning Sessions

	Monday 15th	Tuesday 16th	Wednesday 17th
Chairperson	J. Moreno	T. Ortín	E. López
10:00-10:50	**M. Staudacher** (AEI Potsdam) *Integrable Super Spin Chains and Rotating Superstrings*	**S. Kachru** (U. Stanford/SLAC) *String compactifications with flux and cosmology*	**C. González García** (Stony Brook/IFIC) *Neutrino Oscillations and the Sunshine*
10:50-11:10	**S. Peñaranda** (MPI Munich) *Large quantum effects in Higgs decays in the Two Higgs Doublet Model*	**M. Bastero-Gil** (U. Sussex) *Curvature perturbation with a coupled curvaton*	**R. Rabadán** (IAS Princeton) *AdS Tomography*
11:10-11:40	Welcome coffee	Morning coffee	Morning coffee
11:40-12:00	**C. Pena** (DESY) *Lattice computation of vector meson couplings for the determination of* $\lvert V_{ub}\rvert$	**R. Hernández** (U. Neuchâtel) *Gravity duals on the IIA side*	**D. García-Cerdeño** (U. Hamburg) *Effective N=1 Super Yang-Mills Theories versus Lattice Results*
12:00-12:20	**M. Beneke** (RWTH Aachen) *Theoretical Developments in Heavy Flavour Physics*	**J. Russo** (U. Barcelona/ICREA) *Integrable structures in the AdS/CFT correspondence*	**B. Janssen** (U. Leuven) *The gauge invariance of the non-Abelian Chern-Simons action for D-branes revisited*
12:20-12:50			**S. Davidson** (U. Durham) *Leptogenesis and a Jarlskog Invariant*

Afternoon Sessions

	Monday 15th	Tuesday 16th	Wednesday 17th
Chairperson	J. García Bellido / A. Teixeira	A. Donini/ S. Rigolin	C. Muñoz
15:00-15:50	**J. Lesgourgues** (LAPTH Annecy) *Constraining inflation with WMAP*	**J. Prades** (U. Granada) *Hadronic matrix elements for Kaons*	**D. Kaplan** (U. of Washington) *Lattice Supersymmetry*
15:50-16:10	**J. Rodríguez Quintero** (U. Huelva) *Evidences of Instanton-induced dynamics in the QCD Yang-Mills sector*	**D. Meloni** (U. Granada) *Parameter degeneracy at future neutrino experiments*	**S. Pastor** (U. Valencia) *Neutrino properties from cosmological observables*
16:10-16:30	**D. Mateos** (Perimeter Inst.) *Towards a holographic dual of large-N QCD*	**G. Rodrigo** (U. Valencia) *Collinear radiation off heavy particles*	**A. Sabio Vera** (U. Cambridge) *High energy scattering in QCD*
16:30-17:00	Afternoon coffee	Afternoon coffee	Afternoon coffee
17:00-17:20	**I. Navarro** (U. Durham) *Einstein gravity on the brane?*	**P. Silva** (INFN Milan) *Supertube and fundamental strings from tachyon condensation*	**E. Lozano** (Weizmann Inst.) *Five Dimensional Supergravity Vacua, Causality and Holography*
17:20-17:40	**V. Sanz** (U. Durham) *Supergravity breaking in Warped Compactifications*	**D. Temes** (LAPTH Annecy) *What can we learn about Two Higgs Doublet Models from tau decyas?*	**A. Ibarra** (CERN) *Predicting neutrino parameters in see-saw scenarios*
17:40-18:00	**A. Delgado** (Johns Hopkins U.) *Raising the Higgs mass in Susy models*		