

Student Seminar Series : TASI 2005

Week 2 : June 13-17 All talks will be 20 minutes only

Day	Speaker	Topic	Time
Monday	Ben Shlaer Sarah Shandera Louis Leblond	Cosmic String Lensing and CTCs	8 - 8:20 pm
		Democratic Brane Inflation	8:20 - 8:40 pm
		Stability of Cosmic D1 Strings	8:40 - 9 pm
Tuesday	Amitabh Virmani Tehani Finch Klaus Larjo	A Black Hole Instability in 5D?	8 - 8:20 pm
		Resolution of CTCs in the BMPV Black Hole	8:20 - 8:40 pm
		Much Ado about Nothing: Decay of the Topological Black Hole	8:40 - 9 pm
Thursday	Cindy Keeler Joshua Friess Joe Marsano	2D Strings and their Matrix Models	8 - 8:20 pm
		Matrix Model Black Holes	8:20 - 8:40 pm
		Quantum Structure of LLM Solutions	8:40 - 9 pm

Week 3 : June 20-24

Day	Speaker	Topic	Time
Monday	Luca Grisa Brian Powell Alex Morisse	Lorentz Violating Massive Gravity	8 - 8:20 pm
		Perturbations in Phantom Bounce Cosmologies	8:20 - 8:40 pm
		Q-deforming dS space	8:40 - 9 pm
Tuesday	Thorsten Battefeld George Karatheodoris Peter Shepard	Towards Inflation in String Gas Cosmology	3:40 - 4 pm
		Spacetime Noncommutativity	4 - 4:20 pm
		Topology Change in LLM	4:20 - 4:40 pm
Thursday	Amanda Weltman Jacob Bourjaily Sung-Soo Kim	Detecting Dark Energy in Orbit - Chameleon Cosmology	8 - 8:20 pm
		SUSY Dark Matter	8:20 - 8:40 pm
		$N = 4$ SYM on the Lightcone	8:40 - 9 pm

Week 4 : June 27-July 1

Day	Speaker	Topic	Time
Monday	James Bedford Sam Vazquez Ben Dundee	Gauge Theory Amplitudes and Twistor String Theory	3:40 - 4 pm
		Stringy Geometry from $N = 4$ SYM	4 - 4:20 pm
		Standard-like models from HET SO(32)	4:20 - 4:40 pm
Tuesday	Yang Bai Aleksey Mints D Yamada	Discrete Symmetry Breaking	3:40 - 4 pm
		Violation of the Bekenstein Bound in M-Theory	4 - 4:20 pm
		Large N $N = 4$ SYM on S^3 with R-symmetry Chemical Potential	4:20 - 4:40 pm
Wednesday	Jon Shock Alex Hamilton Ben Burington	Chiral Symmetry Breaking from ADS/CFT	3:40 - 4 pm
		Non-Local Operators in the ADS/CFT Correspondence	4 - 4:20 pm
		Towards deforming cones over $Y^{p,q}$	4:20 - 4:40 pm
Thursday	Zheng Sun Giovanni Villadoro Yanwen Shang	Landscape, Vacuum Distribution and Symmetries	3:40 - 4 pm
		$N = 1$ Effective potential from IIA with general Fluxes and Branes	4 - 4:20 pm
		Constrained Gravity and Cosmological Constant	4:20 - 4:40 pm
Friday	Dmitriy Belov Adam Clark	Classification of Quantum Spin Abelian Chern-Simon Theories	3:40 - 4 pm
		Super Janus: Two Faced SUGRA Domain Walls	4 - 4:20 pm

Organisers : Aleksey Mints and Amanda Weltman