

IPM String School and Workshop

ISS2006

April 10 - 19, 2006

Tehran – IRAN

Schedule of Talks

Monday April 10, 2006		
Morning		
Chairman: F. Ardalan	Title	
09:00 - 09:30	Opening & Registration	
09:30 - 10:30	<i>S. Wadia</i>	Small Schwarzschild Blackhole-String Transition in AdS ₅ × S ⁵ and Critical Unitary Matrix Models (Audio)
10:30 - 11:30	<i>A. Zamolodchikov</i>	Applied Liouville Field Theory (Audio) (Note)
11:30 - 12:00	COFFEE	
12:00 - 13:00	<i>E.M. Silverstein</i>	Closed String Tachyons and Singularities (Audio)
13:00 - 15:00	LUNCH	
Afternoon		
Chairman: H. Arfaei	Title	
15:00 - 16:00	<i>M.R. Garousi</i>	Tachyon Tunneling in D-brane – Anti-D-brane System (Audio) (Note)
16:00 - 16:30	COFFEE	
16:30 - 17:00	<i>B-H. Lee</i>	Intersecting D-branes in the Plane-Wave Backgrounds (Audio) (Note)
17:00 – 19:30	DISCUSSION	
19:30 - 20:30	DINNER	

Tuesday April 11, 2006

Morning

Chairman: B-H. Lee		Title
09:00 - 09:30	<i>Registration</i>	
09:30 - 10:30	<i>S. Wadia</i>	Small Schwarzschild Blackhole-String Transition in AdS ₅ and Critical Unitary Matrix Models (Audio)
10:30 - 11:30	<i>A. Zamolodchikov</i>	Applied Liouville Field Theory (Audio) (Note)
11:30 - 12:00	<i>COFFEE</i>	
12:00 - 13:00	<i>E.M. Silverstein</i>	Closed String Tachyons and Singularities (Audio)
13:00 - 15:00	<i>LUNCH</i>	

Afternoon

Chairman: R. Hernandez		Title
15:00 - 16:00	<i>A.E. Lawrence</i>	Flux Compactifications
16:00 - 16:30	<i>COFFEE</i>	
16:30 - 17:00	<i>A. Shirzad</i>	Noncommutativity of Strings and Constraint Systems (Audio) (Note)
17:00 - 17:30	<i>M. Ghezelbash</i>	Embedding Self-Dual Geometries in M-theory (Audio) (Note)
17:30 - 19:00	<i>DISCUSSION</i>	
19:00 - 20:30	<i>ISS2006 RECEPTION</i>	

Wednesday April 12, 2006

Morning

Chairman: S. Wadia		Title
09:30 - 10:30	<i>H.L. Verlinde</i>	String Phenomenology with D-branes at Singularities (Audio) (Note)
10:30 - 11:30	<i>A. Belavin</i>	Veneziano Amplitude in Minimal Liouville Gravity (Audio) (Note)
11:30 - 12:00	COFFEE	
12:00 - 13:00	<i>E.M. Silverstein</i>	Closed String Tachyons and Singularities (Audio)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: A. Shirzad		Title
15:00 - 16:00	<i>A.E. Lawrence</i>	Flux Compactifications
16:00 - 16:30	COFFEE	
16:30 - 17:00	<i>K. Bitaghsir</i>	Non-Abelian Expansion of S-Matrix Elements of Tachyons (Audio) (Note)
17:00 - 19:30	DISCUSSION	
19:30 - 20:30	DINNER	

Thursday April 13, 2006

Morning

Chairman: A.E. Lawrence		Title
09:30 - 10:30	<i>H.L. Verlinde</i>	String Phenomenology with D-branes at Singularities (Audio) (Note)
10:30 - 11:30	<i>A. Belavin</i>	Veneziano Amplitude in Minimal Liouville Gravity (Audio) (Note)
11:30 - 12:00	COFFEE	
12:00 - 13:00	<i>R.H. Brandenberger</i>	Theory of Cosmological Perturbations (Audio) (Note)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: R.H. Brandenberger		Title
15:00 - 15:30	<i>N. Mohammadi</i>	On the Geometry of Classically Integrable Two Dimensional Non-linear Sigma Models (Audio) (Note PS , PDF)
15:30 - 16:00	<i>A. Garcia-Zenteno</i>	BFT embedding of Green-Schwarz superstring and pure spinor formalism (Audio)
16:00 - 16:30	COFFEE	
16:30 - 17:00	<i>A. Imaanpur</i>	D3-branes in Five-Form RR Flux and the Seiberg N=1/2 Model (Audio) (Note)
17:00 - 19:30	DISCUSSION	
19:30 - 20:30	DINNER	

Friday April 14, 2006

Morning

Chairman: A. Sen		Title
09:30 - 10:30	<i>H.L. Verlinde</i>	String Phenomenology with D-branes at Singularities (Audio) (Note)
10:30 - 11:30	<i>H. Liu</i>	Exploring Beyond the Horizon via AdS/CFT (Audio) (Note)
11:30 - 12:00	COFFEE	
12:00 - 13:00	<i>R.H. Brandenberger</i>	Elements of String Gas Cosmology (Audio) (Note)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: A. Imaanpur		Title
15:00 - 15:30	<i>F. Loran</i>	Kahler Quantization of $H^3(CY^3, R)$ and the Holomorphic Anomaly (Audio) (Note)
15:30 - 16:00	<i>R.H. Brandenberger</i>	Towards a Stringy Alternative to Inflation (Audio) (Note 1 , 2 , 3)
16:00 - 16:30	COFFEE	
16:30 - 17:00	<i>N. Sadooghi</i>	Symmetries in NC Gauge Theories (Audio) (Note)
17:00 - 19:30	DISCUSSION	
19:30 - 20:30	DINNER	

Saturday April 15, 2006

EXCURSION

Sunday April 16, 2006

Morning

Chairwoman: S. Mahapatra		Title
09:30 - 10:30	<i>A. Sen</i>	Entropy Function and Dyons Partition Function in CHL Models (Audio) (Note)
10:30 - 11:30	<i>H. Liu</i>	Exploring Beyond the Horizon via AdS/CFT (Audio) (Note)
11:30 - 12:00	COFFEE	
12:00 - 13:00	<i>N. Iizuka</i>	Non-supersymmetric Attractors (Audio) (Note)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: M.R. Garousi		Title
15:00 - 15:30	<i>K. Furuuchi</i>	Confined Phase in Real Time Formalism and the Fate of the World Behind the Horizon (Audio) (Note)
15:30 - 16:00	<i>C. A. R. Herdeiro</i>	Chronology Protection Conjecture in String Theory (Note)
16:00 - 16:30	COFFEE	
16:30 - 17:00	<i>G. Exirifard</i>	Alpha-prime Stretched Horizon in the Heterotic String (Audio) (Note)
17:00 - 17:30	<i>M. Shigemori</i>	How a Black Hole Emerges from Pure States (Audio) (Note)
17:30 - 19:30	DISCUSSION	
19:30 - 20:30	DINNER	

Monday April 17, 2006

Morning

Chairman: D.P. Jatkar		Title
09:30 - 10:30	<i>A. Sen</i>	Entropy Function and Dyons Partition Function in CHL Models (Audio) (Note)
10:30 - 11:30	<i>S. Mahapatra</i>	Exploring the Relation Between 4D and 5D BPS Solutions (Audio) (Note)
11:30 - 12:00	COFFEE	
12:00 - 13:00	<i>N. Iizuka</i>	A Stringy-Small Black Rings (Audio) (Note)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: A.E. Mosaffa		Title
14:30 - 15:00	<i>H. Ebrahim</i>	Non-Supersymmetric Attractors and the Entropy Function (Note)
15:00 - 16:00	<i>A. Omont</i>	Hyper-Luminous Star Bursts and AGN at High Redshift (Audio 1 , 2)
16:00 - 16:30	COFFEE	
16:30 - 17:00	IPM-Mansouri Young String Theorist Award Ceremony	
17:00 - 17:30	<i>M. Torabian</i>	The Tiny Graviton Matrix Theory & the ADS/CFT Correspondence (Audio) (Note)
17:30 - 18:00	<i>M. Ali-Akbari</i>	Extensions of AdS ₅ S ⁵ and Plane-Wave Superalgebra and their Realization in the Tiny graviton Matrix Theory (Audio) (Note)
18:00 - 19:30	DISCUSSION	
19:30 - 20:30	DINNER	

Tuesday April 18, 2006

Morning

Chairman: A.E. Lawrence		Title
09:30 - 10:30	<i>A. Sen</i>	Entropy Function and Dyons Partition Function in CHL Models (Audio) (Note)
10:30 - 11:30	<i>A.E. Mosaffa</i>	LLM Geometries and $\frac{1}{2}$ BPS States in N=4 SYM (Audio) (Note)
11:30 - 12:00	<i>COFFEE</i>	
12:00 - 13:00	<i>S. Parvizi</i>	Attractors and the OSV Conjecture (Audio) (Note)
13:00 - 15:00	<i>LUNCH</i>	

Afternoon

Chairman: S. Parvizi		Title
15:00 - 15:30	<i>A.R. Tavanfar</i>	Non-Supersymmetric Attractors in R^2 Gravities (Audio) (Note)
15:30 - 16:00	<i>A. Litvinov</i>	Conformal Bootstrap in Quantum Toda Field Theory (Audio) (Note)
16:00 - 16:30	<i>COFFEE</i>	
16:30 - 17:00	<i>M.A. Ganjali</i>	Half BPS Scale Invariant Solutions in M-Theory (Audio) (Note)
17:00 - 19:30	<i>DISCUSSION</i>	
19:30 - 20:30	<i>DINNER</i>	

Wednesday April 19, 2006

Morning

Chairman: M. Alishahiha		Title
09:30 - 10:30	<i>D.P. Jatkar</i>	Entropy Function and Dyons Partition Function in CHL Model (Audio) (Note)
10:30 - 11:30	<i>A.E. Mosaffa</i>	LLM Geometries and $\frac{1}{2}$ BPS States in N=4 SYM (Audio) (Note)
11:30 - 12:00	<i>COFFEE</i>	
12:00 - 13:00	<i>R. Hernandez</i>	Integrability in the AdS/CFT Correspondence (Audio) (Note)
13:00 - 15:00	<i>LUNCH</i>	