

IPM String School and Workshop

ISS2007

April 9 - 17, 2007

Tehran – IRAN

Schedule of Talks

Monday April 9, 2007		
Morning		
Chairman: F. Ardalan	Title	
09:00 - 09:30	Opening & Registration	
09:30 - 10:30	K. Stelle	Introduction to BPS Brane Solutions in Supergravity (I) note / hep-th
10:30 - 11:30	J. Gauntlett	Classifying Supergravity Solutions and Applications to AdS/CFT (I) note
11:30 - 12:00	COFFEE	
12:00 - 13:00	S. Wadia	Topics in Blackholes and the AdS/CFT Correspondence (I) note
13:00 - 15:00	LUNCH	
Afternoon		
Chairman: F. Ardalan	Title	
15:00 - 16:00	D. Tong	The Quantum Dynamics of Vortex Strings (I) note
16:00 – 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	DINNER	

Tuesday April 10, 2007

Morning

Chairman: M. Duff	Title
09:00 - 09:30	<i>Registration</i>
09:30 - 10:30	K. Stelle Introduction to BPS Brane Solutions in Supergravity (II)
10:30 - 11:30	J. Gauntlett Classifying Supergravity Solutions and Applications to AdS/CFT (II) note
11:30 - 12:00	COFFEE
12:00 - 13:00	S. Wadia Topics in Blackholes and the AdS/CFT Correspondence (II)
13:00 - 15:00	LUNCH

Afternoon

Chairman: M. Duff	Title
15:00 - 16:00	D. Tong The Quantum Dynamics of Vortex Strings (II) note
16:00 - 16:30	M. Torabian Matrix Model for DLCQ of Type IIB String Theory on the AdS note
16:30 - 19:00	COFFEE & DISCUSSION
19:00 - 20:30	DINNER

Wednesday April 11, 2007

Morning

Chairman: D. Tong		Title
09:30 - 10:30	K. Stelle	Introduction to BPS Brane Solutions in Supergravity (III)
10:30 - 11:30	J. Gauntlett	Classifying Supergravity Solutions and Applications to AdS/CFT (III)
11:30 - 12:00	COFFEE	
12:00 - 13:00	S. Wadia	Topics in Blackholes and the AdS/CFT Correspondence (III)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: D. Tong		Title
15:00 - 16:00	A. Dhar	Chiral Symmetry, Baryons and Holographic QCD (I)
16:00 - 16:30	A. Ghodsi	R^4 Correction to the Entropy of (Non)Extremal Black Holes/Branes. <u>note</u>
16:30 - 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	DINNER	

Thursday April 12, 2007

Morning

Chairman: S. Wadia		Title
09:30 - 10:30	K. Stelle	Introduction to BPS Brane Solutions in Supergravity (IV)
10:30 - 11:30	J. de Boer	From Coarse Grained Microstates to Gravity (I) note
11:30 - 12:00	COFFEE	
12:00 - 13:00	J. de Boer	From Coarse Grained Microstates to Gravity (II)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: S. Wadia		Title
15:00 - 16:00	A. Dhar	Chiral Symmetry, Baryons and Holographic QCD (II)
16:00 - 17:00	K. Stelle	KK SUSY Breaking and a Natural Mass Hierarchy in a Type IIB Randall-Sundrum Geometry
17:00 - 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	ISS2007 RECEPTION	

Friday April 13, 2007

Morning

Chairman: K. Stelle		Title
09:30 - 10:30	F. Deneff	Flux Compactification and Moduli Fixing (I) note1 , note2
10:30 - 11:30	J. de Boer	From Coarse Grained Microstates to Gravity (III)
11:30 - 12:00	COFFEE	
12:00 - 13:00	A. Dhar	Chiral Symmetry, Baryons and Holographic QCD (III)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: K. Stelle		Title
15:00 - 16:00	M.R. Garousi	Superstring Scattering from O-Planes note
16:00 - 16:30	N. Sadooghi	Strong QED note
16:30 - 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	DINNER	

Saturday April 14, 2007

EXCURSION

Sunday April 15, 2007

Morning

Chairman: M. Alishahiha		Title
09:30 - 10:30	M. Duff	Black Holes, Qubits and the Fano Plane note
10:30 - 11:30	J. David	The Dyon Partition Function in N=4 Compactifications (I) note1
11:30 - 12:00	COFFEE	
12:00 - 13:00	F. Denef	Flux Compactification and Moduli Fixing (II)
13:00 - 15:00	LUNCH	

Afternoon

Chairman: A.E. Mosaffa		Title
15:00 - 15:30	F. Loran	The Holomorphic Anomaly and Quantum Background Independence in Form Theories note
15:30 - 16:00	H. Soltanpanahi	Form Field Theory on Calabi-Yau Threefold note
16:00 - 16:30	S. Raju	Elliptic Genus from Classical Supersymmetric Solution note
16:30 - 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	DINNER	

Monday April 16, 2007

Morning

Chairman: H. Arfaei		Title
09:30 - 10:30	F. Denef	Flux Compactification and Moduli Fixing (III)
10:30 - 11:30	J. David	The Dyon Partition Function in N=4 Compactifications (II) note2
11:30 - 12:00	COFFEE	
12:00 - 13:00	M. Shahshahani	Special Talk: The Ricci Flow, Towards the Proof of the Poincare' Conjecture
13:00 - 15:00	LUNCH	

Afternoon

Chairman: J. David		Title
15:00 - 15:30	G. Exirifard	IIB Perturbative Worldsheet Corrections to Dyons: Entropy and the OSV Conjecture
15:30 - 16:00	J. Sadeghi	Shape Invariance for the Bent Brane with Two Scalar Field note
16:00 - 16:30	M. Zarei	Noncommutative Field Theory without IR/UV Mixing note
16:30 - 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	DINNER	

Tuesday April 17, 2007

Morning

Chairman: M. Alishahiha		Title
09:30 - 10:30	M. M. Sheikh Jabbari	Non-Abelian Magnetized Blackholes and Unstable Attractors note
10:30 - 11:30	J. David	The Dyon Partition Function in N=4 Compactifications (III) note3
11:30 - 12:00	COFFEE	
12:00 - 13:00	F. Deneff	Black Hole Deconstruction
13:00 - 15:00	LUNCH	

Afternoon

Chairman: M. M. Sheikh-Jabbari		Title
15:00 - 15:30	G.R. Maktabdaran	Field Equations at Horizon of a BTZ Black-Hole note
15:30 - 16:00	R. Fareghbal	Double Horizon Limit and Decoupling of the Dynamics at the Horizon note 1 , note 2
16:00 - 16:30	Closing Sission	
16:30 – 19:00	COFFEE & DISCUSSION	
19:00 - 20:30	DINNER	