

Recent Trends in String Theory and Related Topics

School of Physics, IPM

4-7 Khordad, 1395 (24-27 May, 2016)

Program

Tuesday (24 May, 2015)		
Time	Speaker	Title of Talk
08:30-09:00	<i>Registration</i>	
09:00-10:00	D. Grumiller	Rindler Holography
10:00-11:00	D. Klemm	New Results on AdS Black-Holes
11:00-11:30	<i>Break</i>	
11:30-12:00	H. Afshar	A Schrödinger Approach to Non-Relativistic Gravity
12:00-12:30	M. Good	Reflections on a Black Mirror
12:30-14:30	<i>Lunch</i>	
14:30-15:10	K. Hajian	Solution phase space and conserved charges associated with exactsymmetries
15:10-15:50	A. Seraj	Wiggling throat of extremal black holes
15:50-16:20	<i>Break</i>	
16:20-16:50	R. Morad	The energy density of a light quark jet using AdS/CFT
16:50-17:20	C. Senturk	pp-wave and AdS Plane Waves in Null Aether Theory

Wednesday (25 May, 2015)		
09:00-10:00	L. Bonora	Effective String Field Theory Tomography
10:00-11:00	H. Godazgar	Quantum Corrections to Hawking Radiation
11:00-11:30	<i>Break</i>	
11:30-12:00	A.Naseh	Scale vs Conformal Invariance and Entanglement Entropy
12:00-12:30	M.H. Vahidinia	Holographic Entanglement Entropy and Field Redefinition
12:30-14:30	<i>Lunch</i>	
14:30-15:10	T. Sisman	An Excursion in Higher Derivative Gravity
15:10-15:50	A. Zein Assi	Aspects of N=2 Gauge Theories From the String Perspective
15:50-16:20	<i>Break</i>	
16:20-16:30	E. A. Kiraci	On Exact Solutions and the Consistency of 3D Minimal Massive Gravity
16:40-17:00	F. Omid	Holographic Mutual Information for Singular Surfaces
17:00-17:20	M. Noorbakhsh	Super Entropic Black Hole in Five-Dimensional $U(1)^3$ Gauged Supergravity
18:00---	<i>Conference Reception</i>	

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Thursday (26May, 2015)		
Time	Speaker	Title of Talk
09:00-10:00	A. Tomasiello	Six Dimensional Field Theories From String Theory
10:00-11:00	M. Alishahiha	Holographic Complexity
11:00-11:30	<i>Break</i>	
11:30-12:00	R. Fareghbal	Flat-Space Holography and Anisotropic Conformal Infinity
12:00-12:30	Ü. Ertem	Twistors, Killing Spinors & Extended Superalgebras
12:30-14:30	<i>Lunch</i>	
14:30-15:10	M. Ihl	Numerical studies of inverse magnetic catalysis in holographic QCD
15:10-15:50	H. Ebrahim	Various Time-Scales of Relaxation
15:50-16:20	<i>Break</i>	
16:20-16:50	S. Sadeghian	Extremal Vanishing Horizon Black Holes
16:50-17:20	M. Aali	From Basu-Harvey to Nahm equation and M2 to D2 via 3-Lie bialgebra

Friday (27 May, 2015)		
09:00-10:00	D. Van den Bleeken	Non-relativistic Non-Newtonian Gravity
10:00-11:00	M. Godazgar	Algebraically Special Solutions in Five Dimensions
11:00-11:30	<i>Break</i>	
11:30-12:00	O. Acik	Higher-rank Dirac currents as sources for p-brane stress-energy-momentum tensors in background gravitational fields
12:00-12:30	M.R.Tanhayi	Thermalization of mutual information in a hyperscaling violating background
12:30-12:50	M. Moghadasi	Holographic Entanglement Entropy From Minimal Surfaces with or without Extrinsic Curvature
12:50-13:00	Closing remarks	
13:00-14:00	<i>Lunch</i>	

The Workshop Reception will be held on Wednesday at 18