

14th Taiwan String Workshop Taipei Session 10/30-11/02

Lecture Hall, 4th Floor, Cosmology Hall, National Taiwan University

10/30 (Monday)

Time	Speak	Title
9:20-9:50	Registration	
9:50-10:00	Opening	
Chair : Yu-Tin Huang		
10:00-11:00	Sangmin Lee	Supersymmetric gauge theories and toric Calabi-Yau singularities
11:00-11:10	Break	
11:10-12:10	Sangmin Lee	Supersymmetric gauge theories and toric Calabi-Yau singularities
12:10-14:00	Lunch	
Chair : Chia-Hsien Shen		
14:00-14:45	Pei-Ming Ho	Stringy Effect on Hawking Radiation
14:45-15:30	Chuan-Tsung Chan	Geometrical Correspondence of the Quantum Fermat principle
15:30-16:15	Yi Yang	Stringy Scaling of String Amplitudes in High Energy Limits
16:15-16:30	Coffee Break	
Chair : Chia-Hsien Shen		
16:30-17:00	Himanshu Parihar	Time-like entanglement entropy in AdS/BCFT
17:00-17:30	Ken Kikuchi	Ground state degeneracy and module category
17:30-18:00	Tomoki Nosaka	M2-branes and discrete integrable systems

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10/31 (Tuesday)		
Time	Speak	Title
9:30-10:00	Registration	
Chair : Yu-Tin Huang		
10:00-11:00	Katsuki Aoki	Towards quantum gravity constraints from S-matrix
11:00-11:10	Break	
11:10-12:10	Katsuki Aoki	Towards quantum gravity constraints from S-matrix
12:10-14:00	Lunch	
Chair : Sourav Ballav		
14:00-14:45	Chong-Sun Chu	A fermionic model of black hole
14:45-15:30	Kentaroh Yoshida	Chaotic string in a near pp-wave limit
15:30-16:15	Masataka Watanabe	Counterexample to the CFT Convexity Conjecture
16:15-16:30	Coffee Break	
Chair : Sourav Ballav		
16:30-17:00	Konstantinos Rigatos	On the positivity of the hypergeometric Veneziano amplitude
17:00-17:30	Karan Fernandes	Celestial Eikonal Amplitudes in the near-horizon region
17:30-18:00	Canberk Sanli	Superconformal index for quiver quantum mechanics

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11/1 (Wednesday)		
Time	Speak	Title
9:30-10:00	Registration	
Chair : Himanshu Parihar		
10:00-11:00	Nick Dorey	Superconformal Quantum Mechanics and Ultra-Spinning Black Holes
11:00-11:10	Break	
11:10-12:10	Nick Dorey	Superconformal Quantum Mechanics and Ultra-Spinning Black Holes
12:10-14:00	Lunch	
Chair : Chia-Hsien Shen		
14:00-14:45	Sanefumi Moriyama	M2-branes, Quantum Curves and Parallelotopes
14:45-15:30	Nobuyoshi Ohta	Wave function renormalization and flow of couplings in asymptotically safe gravity
15:30-16:15	Da-Shin Lee	Analog Gravity Using Ultracold Atoms
16:15-16:30	Coffee Break	
Chair : Chia-Hsien Shen		
16:30-17:00	Mirian Tsulaia	(Non)Supersymmetric Chiral Higher Spin Gravity
17:00-17:30	Dorin Weissman	Chaos in string scattering amplitudes

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11/2 (Thursday)

Time	Speak	Title
9:30-10:00	Registration	
Chair : Heng-Yu Chen		
10:00-11:00	Chia-Hsien Shen	Positivity from Cosmological Correlators
11:00-11:10	Break	
11:10-12:10	Andrei Smilga	Witten index in supersymmetric chiral gauge theories
Travel to Kaohsiung		