



14TH Taiwan String Workshop Program

Date: 2023/11/03 (Friday) - 11/05 (Sunday) Kaohsiung Session

Venue: Physics Auditorium PH2006, National Sun Yat-sen University (Kaohsiung)

2023.11.03 (Friday)

Time	
9:20 - 9:50	Registration
9:50 - 10:00	Opening
Chair: Dimitrios Giataganas	
10:00 - 11:00	Invited Speaker: Francesco Benini (SISSA) Title: Aspects of non-invertible self-dualities and their anomalies
11:00 - 11:10	Break
11:10 - 12:10	Invited Speaker: Francesco Benini (SISSA) Title : Aspects of non-invertible self-dualities and their anomalies
12:10 - 14:00	Lunch
Chair: Chiang-Mei Chen	
14:00 - 14:45	Speaker: Feng-Li Lin (National Taiwan Normal University) Title: Double Graviton Eikonal Dressing and $O(G^2)$ Classical Observables
14:45 - 15:30	Speaker: Norihino Iizuka (Osaka University) Title: Krylov complexity in the IP matrix model I
15:30 - 16:15	Speaker: Yasuaki Hikida (Kyoto University) Title: Engineering perturbative string duals for symmetric product orbifold CFTs
16:15 - 16:30	Coffee Break
Chair: Chia-Yi Ju	
16:30 - 17:00	Speaker: Jaydeep Basak (National Sun Yat-sen University) Title: Reflected entropy and Markov gap in non inertial frame
17:00 - 17:30	Speaker: Yusuke Taki (Yukawa Institute for Theoretical Physics) Title: Holographic study of three-dimensional de Sitter gravity
17:30 - 18:00	Speaker: Adrita Chakroborty (National Tsing Hua University) Title: Entanglement and correlation measures in generalised Lifshitz field theories

2023.11.04 (Saturday)

Time	
9:30 - 10:00	Registration
Chair: Heng-Yu Chen	
10:00 - 11:00	Invited Speaker: Masazumi Honda (RIKEN iTHEMS) Title: Phases of 5d non-supersymmetric field theories from 5d SCFTs
11:00 - 11:10	Break
11:10 - 12:10	Invited Speaker: Masazumi Honda (RIKEN iTHEMS) Title: Phases of 5d non-supersymmetric field theories from 5d SCFTs
12:10 - 14:00	Lunch
Chair: Dimitrios Giataganas	
14:00 - 14:45	Invited Speaker: Takaaki Ishii (Rikkyo University) Title: Boundary conditions and turbulent strings in AdS
14:45 - 15:30	Speaker: Chiang-Mei Chen (National Central University) Title: Quantum Improved Regular Kerr Black Holes
15:30 - 16:15	Speaker: Michele Santagata (National Taiwan University) Title: Open String Amplitudes in $AdS_5 \times S^3$
16:15 - 16:30	Coffee Break
Chair: Jaydeep Basak	
16:30 - 17:00	Speaker: Mitsuhiro Nishida (Pohang University of Science and Technology) Title: Krylov complexity in the IP matrix model II
17:00 - 17:30	Speaker: Takanori Anegawa (Osaka University) Title: Shock waves and delay of hyperfast growth in de Sitter complexity
17:30 - 18:00	Speaker: Julian Lang (Okinawa Institute of Science and Technology) Title: Emergent Supersymmetry algebra from a unifying higher-spin covariant description of $U(N)$ vector models and HiSGRA



2023.11.05 (Sunday)

Time	
9:30 - 10:00	Registration
	Chair: Yu-tin Huang
10:00 - 11:00	Speaker: Andre Smilga (Universit'e de Nantes) Title: Maximally supersymmetric quantum mechanics - a review
11:00 - 11:10	Break
11:10 - 12:10	Speaker: Hikaru Kawai (National Taiwan University) Title: Quantum Phase Transition and Naturalness in Generalized Action