

KEK Theory Workshop 2023

Wednesday, 29 November 2023

Parallel Session A: Kakeru Sugiura, Ryota Watanabe, Junichi Haruna, Pratik Nandy, Tomoki Nosaka, Yuuta Saito

(14:00 - 15:30)

-Conveners: Takeshi Morita

time	[id] title	presenter
14:00	[3] Photon sphere and quasinormal modes in AdS/CFT	Mr SUGIURA, Kakeru
14:15	[5] Krylov complexity and chaos in quantum mechanics	Mr WATANABE, Ryota
14:30	[52] Gradient Flow Exact Renormalisation Group for Scalar Quantum Electrodynamics	Dr HARUNA, Junichi
14:45	[6] Operator dynamics in Lindbladian SYK	Dr NANDY, Pratik
15:00	[2] A new recursion relation for ABJ matrix models	Dr NOSAKA, Tomoki
15:15	[21] Page curves for 2d black holes with multiple injections	Mr SAITO, Yuuta

Parallel Session A: Yuji Ando, Mohammad Akhond, Shuichi Murayama, Takafumi Kai, Yuki Yokokura, Takeshi

Morita (16:00 - 17:30)

-Conveners: Hajime Otsuka

time	[id] title	presenter
16:00	[19] Relation between covariant and light-cone superstring field theory	Mr ANDO, Yuji
16:15	[56] TBA	Dr AKHOND, Mohammad
16:30	[17] Giant graviton expansions for N=2 superconformal field theories	Dr MURAYAMA, Shuichi
16:45	[18] Eclectic Flavor Symmetry in Type IIB String Landscape	Mr KAI, Takafumi
17:00	[4] A Semi-classical Spacetime Region with Maximum Entropy	Dr YOKOKURA, Yuki
17:15	[20] Derivation of 11 dimensional spacetime without assuming supersymmetry	Dr MORITA, Takeshi

Thursday, 30 November 2023

Parallel Session A: Motokazu Abe, Okuto Morikawa, Soma Onoda, Naoto Kan, Kazutoshi Ohta, Maki Takeuchi

(14:00 - 15:30)

-Conveners: Hidenori Fukaya

time	[id] title	presenter
14:00	[34] Fractional topological charge in lattice non-Abelian gauge theory	Dr ABE, Motokazu
14:15	[35] Lattice study of RG fixed point based on gradient flow in 3D O(N) sigma model	Dr MORIKAWA, Okuto
14:30	[36] Magnetic operators in 2D compact scalar field theories on the lattice	Mr ONODA, Soma
14:45	[37] Curved domain-wall fermion and its applications	Dr KAN, Naoto
15:00	[38] Phases in the fundamental Kazakov-Migdal model on the graph	Prof. OHTA, Kazutoshi
15:15	[57] TBA	Mrs TAKEUCHI, Maki

Parallel Session A: Gregory Loges, Yoshinori Matsuo, Cheng-Tsung Wang, Nikolo Zenoni, Hajime Otsuka, Keiichi

Nagao (16:00 - 17:30)

-Conveners: Yuki Yokokura

time	[id] title	presenter
16:00	[44] On the classification of 6d supergravities	Mr LOGES, Gregory
16:15	[45] Black hole/string transition in the black hole evaporation	Dr MATSUO, Yoshinori
16:30	[46] UV Dispersive Effects on Hawking Radiation	Mr WANG, Cheng-Tsung
16:45	[47] Volume complexity of dS bubbles	Dr ZENONI, Nicolo
17:00	[42] Sequestered String Models imply Split Supersymmetry	Dr OTSUKA, Hajime
17:15	[22] Automatic hermiticity for mixed states	Prof. NAGAO, Keiichi