

East Asia Joint Symposium on Fields and Strings 2021

Monday 22 November 2021

Short talks (11:45-12:15)

time	[id] title	presenter
11:45	[36] Order defect in 4D Chern-Simons theory	FUKUSHIMA, Osamu
12:00	[37] The AdS ₅ ×S ⁵ superstring from 4D Chern-Simons theory	SAKAMOTO, Junichi

Short talks (14:15-14:45)

time	[id] title	presenter
14:15	[38] A physicist-friendly reformulation of the APS index (on a lattice)	FUKAYA, Hidenori
14:30	[39] Chaotic string dynamics in deformed $S^2 \times S^1$	KUSHIRO, Shodai

Short talks (15:45-16:15)

time	[id] title	presenter
15:45	[41] Topological defect junctions in 4-dimensional pure Z ₂ gauge theory	NAGOYA, Yuta
16:00	[42] Three-Body Effective Potential in General Relativity at 2PM and Resulting PN Contributions	WANG, Tianheng

Short talks (17:00-17:30)

time	[id] title	presenter
17:00	[43] On compatibility between Conformal symmetry and Continuous higher-form symmetries	ZHENG, Yunqin
17:15	[44] Multi-Soliton Dynamics of Anti-Self-Dual Gauge Fields	HUANG, Shan-Chi

Tuesday 23 November 2021

Short talks (11:30-12:00)

time	[id] title	presenter
11:30	[45] Regge conformal blocks from the Rindler-AdS black hole and the pole-skipping phenomena	NISHIDA, Mitsuhiro
11:45	[46] Aspects of 5d Seiberg-Witten Theories on S^1	JIA, Qiang

Short talks (14:30-15:00)

time	[id] title	presenter
14:30	[47] E_8 -strings, E_8 Weyl invariant Jacobi forms and Conway invariant Jacobi forms on Leech lattice	SUN, Kaiwen
14:45	[48] Wall-crossing of TBA equations and WKB periods for the higher order ODE	SHU, Hongfei

Short talks (16:00-16:30)

time	[id] title	presenter
16:00	[49] An alternative bulk construction by the flow equation	AOKI, Sinya
16:15	[50] Free energy and defect C-theorem in free theory	SATO, Yoshiki

Wednesday 24 November 2021

Short talks (11:00-11:30)

time	[id] title	presenter
11:00	[51] Nonvanishing finite scalar mass in flux compactification	HIROSE, Takuya
11:15	[52] Target space duality of non-supersymmetric string theory	NAKAJIMA, Sota

Thursday 25 November 2021

Short talks (11:30-12:00)

time	[id] title	presenter
11:30	[53] Basis decompositions of genus-one string integrals	ZHANG, Yong
11:45	[54] Worldsheet Variables for Cluster Configuration Spaces	ZHAO, Peng

Short talks (16:00-16:15)

time	[id] title	presenter
16:00	[55] Complex Langevin studies of the emergent space-time in the type IIB matrix model	HATAKEYAMA, Kohta

Friday 26 November 2021

Short talks (11:00-11:30)

time	[id] title	presenter
11:00	[56] Entanglement entropy in Schwarzschild spacetime	MATSUO, Yoshinori
11:15	[57] Entanglement entropy in interacting field theories	SAKAI, Katsuta

Short talks (14:00-14:30)

time	[id] title	presenter
14:00	[58] Target space entanglement in quantum mechanics of fermions and matrices	SUGISHITA, Sotaro
14:15	[59] Quantum information metric in the gauge/gravity correspondence	YAMASHIRO, Kazushi

Short talks (16:00-16:15)

time	[id] title	presenter
16:00	[60] Ginzburg-Landau effective action for a fluctuating holographic superconductor	FUJITA, Mitsutoshi

Short talks (16:45-17:00)

time	[id] title	presenter
16:45	[61] Holographic β function in de Sitter space	KITAZAWA, Yoshihisa