Challenges and opportunities in Lattice QCD simulations and related fields

Wednesday, 15 February 2023

Poster - Lecture Hall (6F) (16:00 - 17:30)

-Conveners: Issaku Kanamori

time	[id] title	presenter
16:00	[61] Curved domain-wall fermions	AOKI, Shoto
16:01	[49] Precision computation of nucleon scalar and tensor couplings at the physical point	TSUJI, Ryutaro
16:02	[45] Lattice study of the trace anomaly contribution to glueball mass using renormalized energy-momentum tensor	SAKAI, Keita
16:03	[63] Controlling residual chiral symmetry breaking effects of domain wall fermions in QCD thermodynamics	AOKI, Yasumichi
16:04	[55] Benchmark result of Lattice QCD code set Bridge++ 2.0 on Fugaku	KANAMORI, Issaku
16:05	[48] Application of mass reweighting in (2+1)-flavor QCD thermodynamics with Mo˙bius Domain Wall fermions	GOSWAMI, Jishnu
16:06	[46] On equivalence between Yang-Mills gradient flow and stout smearing	Mr NAGATSUKA, Masato
16:08	[62] Tensor renormalization group approach to (1+1)-dimensional SU(2) principal chiral model at finite density	LUO, XIAO
16:09	[64] The analysis of the phase structure of the CP(1) with the theta term by tensor renormalization group	NAKAYAMA, Katsumasa
16:10	[68] Emergence of an expanding (3+1)-dimensional spacetime in the type IIB matrix model	AZUMA, Takehiro
16:11	[69] Finite temperature QCD phase transition with 3 flavors of Mobius domain wall fermions	ZHANG, Yu
16:12	[70] Quantum simulation for correlated quantum many-body systems on noisy quantum devices	SUN, Rongyang