



# Asia-Pacific Symposium for Lattice Field Theory (APLAT 2020)

## Tuesday, August 4, 2020

### Physics Beyond the Standard Model: Session 4-1 D (2:00 PM - 3:00 PM)

-Conveners: David Lin

time	[id] title	presenter
2:00 PM	[132] Near-conformal dynamics in a chirally broken system	WITZEL, Oliver
2:20 PM	[100] Finite temperature study of a 4+6 flavor mass-split system	PETERSON (*), Curtis
2:40 PM	[104] Dark matter and gravitational waves	RINALDI, Enrico

### Physics Beyond the Standard Model: Session 4-2 C (4:00 PM - 5:40 PM)

-Conveners: Enrico Rinaldi

time	[id] title	presenter
4:00 PM	[133] Domain Wall and Overlap Fermions in 2+1D	WORTHY (*), Jude
4:20 PM	[3] Fermion-Higgs composite state mass in a SU(2) Wilson-Yukawa model	AFFERRANTE (*), Vincenzo
4:40 PM	[30] Scattering of Goldstone bosons in SU(2) with Nf=2 fundamental fermions	DRACH, Vincent
5:00 PM	[65] Complex Langevin Simulations of Low-dimensional Supersymmetric Quantum Field Theories	KUMAR (*), Arpith
5:20 PM	[68] Progress in the lattice studies of Sp(4) gauge theory with antisymmetric fermions	LEE, Jong-Wan

# Wednesday, August 5, 2020

## Physics Beyond the Standard Model: Session 5-1 D (2:00 PM - 3:40 PM)

-Conveners: Masazumi Honda

time	[id] title	presenter
2:00☒PM	[7] Complex Langevin analysis of the spontaneous breaking of 10D rotational symmetry in the Euclidean IKKT matrix model	AZUMA, Takehiro
2:20☒PM	[43] The effects of fermions in the complex Langevin simulation of the Lorentzian type IIB matrix model	HATAKEYAMA (*), Kohta
2:40☒PM	[28] *** CANCELLED*** Extending Lattice H2 to AdS3	COGBURN (*), Cameron
3:00☒PM	[47] Space-time structure in the Lorentzian type IIB matrix model in the large-N limit	HIRASAWA (*), Mitsuaki
3:20☒PM	[84] Vacuum Restructuring in Finite Geometries: Nonperturbative Casimir Effects in Lattice Gauge Theories	MOLOCHKOV, Alexander