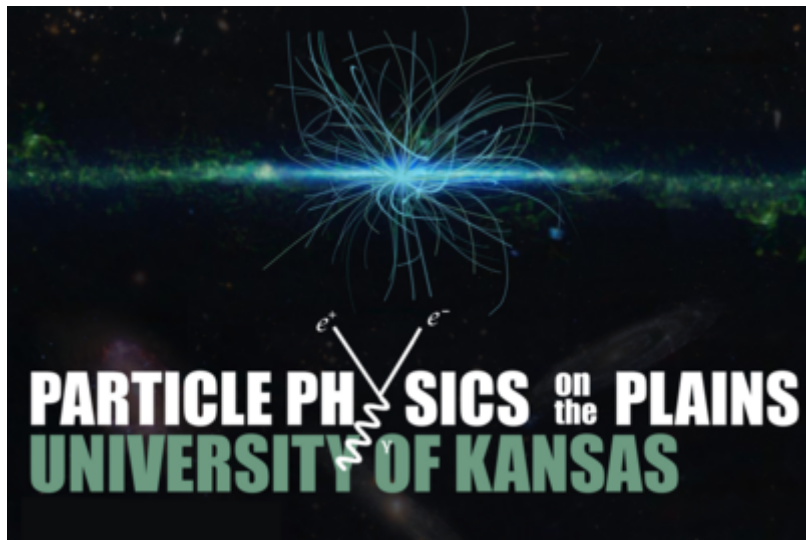


Session Program

15-16 Nov 2025



Particle Physics on the Plains 2025

Quantum/Gravity Wave/Phase Transitions

University of Kansas, 2048 Malott Hall
Department of Physics & Astronomy University of Kansas Lawrence, KS

Sunday 16 November

11:00

Quantum/Gravity Wave/Phase Transitions

Session |
Location: University of Kansas, 2048 Malott Hall, Department of Physics & Astronomy University of Kansas
Lawrence, KS |
Convener: Dorival Gonçalves

11:00-11:18	Quantum Sensing and Radiative Decay Speaker Miguel Angel Soto Alcaraz
11:18-11:36	Helicity space entanglement in 2-2 scattering Speaker Rahul Muraleedharan
11:36-11:54	Constraints on Symmetric Dark Matter from Neutron Star Capture and Collapse Speaker Yuxin Liu
11:54-12:12	Quantum Entanglement in Yang-Mills Speaker Kunfeng Lyu
12:12-12:30	Gravitational Waves from Phase Transitions in an Early Matter Dominated Epoch Speaker Fazlollah Hajkarim
12:30-12:48	Gravitational Waves and Primordial Black Holes in First-Order Phase Transitions Speaker Cash Hauptmann

13:00