Session Program

14–15 Nov 2026



Particle Physics on the Plains 2026

Neutrinos, scalars, phase transitions

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

Sunday 15 November

09:00

Neutrinos, scalars, phase transitions

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

09:00–09:15
Scalar-Mediated Heavy Neutral Lepton Searches at Short-Baseline Neutrino Detectors

Speaker
Yatharth Sirohi

09:15–09:30
Exploring Neutrino Interactions with Dark Matter

Speaker
Soumya Bonthu

09:30–09:45
A New Probe of Strongly-Interacting Dark Sector using Neutrino Telescopes

Speaker
Jose Padron

09:45–10:00
Is the Earth an ALP Factory?

Speaker
Anirudh Chandra Shekar

10:00–10:15
Measurement of Decays from Cobalt-57 and Arsenic-71 for Applications in Neutrino Detection

Speaker
Brooks Hartsock

10:15–10:30
Cosmic Colliders Revisited: Heavy Particle Production from Bubble Collisions and Its Implications

Speaker
Pratyay Pal

10:30–10:45
Leptophilic Multi-Higgs Doublet Model and Baryogenesis at Muon Colliders: Part 1

Speaker
Brady Child

10:45–11:00
Leptophilic Multi-Higgs Doublet Model and Baryogenesis at Muon Colliders: Part 2

Speaker
Isabella Estes

11:00