Session Program

14–15 Nov 2026



Particle Physics on the Plains 2026

Collider, Amplitudes, Quantum Information

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

Sunday 15 November

09:00

Collider, Amplitudes, Quantum Information

Session | **Location:** University of Kansas, 2049 Malott, Department of Physics & Astronomy University of Kansas

09:00–09:15 **The Neutrino Flux and its Secondaries at The Muon Collider**

Speaker
Ju-Yeol Choi

09:15–09:30

Neutrino Interactions in FCC-ee Detector Concepts During the Tera-Z Run

Speaker
Sean Chisholm

09:30–09:45

Di-Higgs rate and trilinear coupling benchmarks of the real singlet scalar extension

Speaker
Jacob Scott

09:45–10:00

Probing the Higgs Self-Coupling through Vector-Boson-Fusion Higgs-Pair Production.

Speaker
Tunde Kushimo

10:00–10:15 **Saturation effects in diffractive deep inelastic scattering**

Speaker
Jarno Vierros

10:15–10:30

Spurious-Pole-Free Amplitude Reconstruction without Explicit Pole Solutions

Speaker
Mr Zong-En Chen

10:30–10:45 **Scattering entanglement and spontaneous symmetry breaking.**

Speaker
Rahul Muraleedharan

10:45–11:00

Non-stabilizerness and Entanglement as Quantum Computational Resource

Speaker
Gaurab Sedhain

11:00