Session Program

14–15 Nov 2026



Particle Physics on the Plains 2026

Astroparticle & Quantum Sensing

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

Sunday 15 November

11:30

Astroparticle & Quantum Sensing

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

11:30–11:48 **Solar Constraints on HNL Mixing with Tau Neutrinos**

Speaker
Mr Samiur R. Mir

11:48–12:06
E pur si rotat: Axion magnetic resonance in the coherent magnetic field of the Milky Way

Speaker
Sai Charan Chandrasekar

12:06–12:24 **A Stepping Stone Solution to the QCD Axion Isocurvature Problem**

Speaker
Kunfeng Lyu

12:24–12:42 **Ultrashort Gamma-Ray Burst Search in VERITAS Data**

Speaker
Ngan Nguyen

12:42–13:00 **Quantum Networks for Dark Matter**

Speaker
Miguel Angel Soto Alcaraz

13:00–13:18 **Entanglement Protocol for Scalar-Mediated Forces**

Speaker
Writasree Maitra

13:20