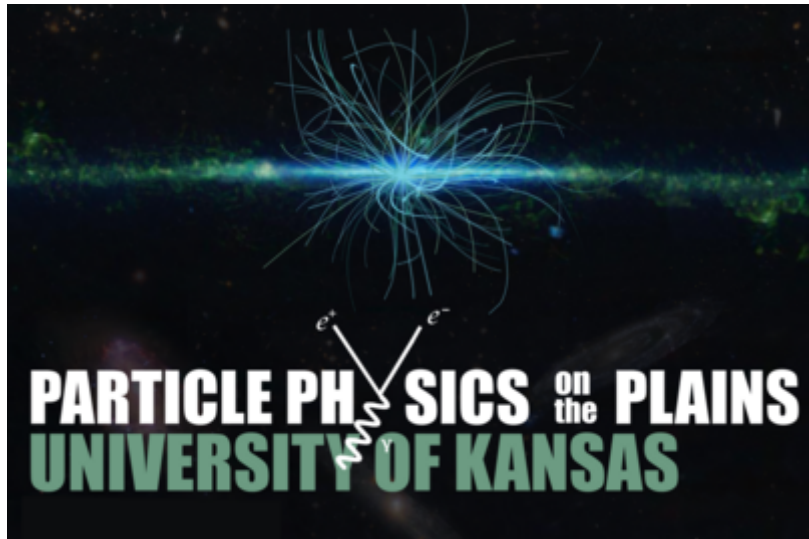


Session Program

2-3 Nov 2024



Particle Physics on the Plains 2024

Astrophysical Probes

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

Sunday 3 November

11:20

Astrophysical Probes

Session |

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

Convener: dorival Gonçalves

11:20-11:38

New Approaches for Detecting Light Dark Matter

Speaker

Tao Xu

11:38-11:56

Space Quantum Sensors for Jovian-Bound Dark Matter

Speaker

Fazlollah Hajkarim

11:56-12:14

Modeling frequency instability in high-quality resonant experiments DarkSRF

Speaker

Hao-Ran Cui

12:14-12:32

Multi-messenger Approach to Ultra-light Scalars

Speaker

Soumya Bonthu

12:32-12:50

Energy Loss in Cepheids: Axions, Period-Luminosity Relation, and Hubble Tension

Speaker

Thomas Gehrman

12:50-13:08

Tau g-2

Speaker

Michael Murray

13:10