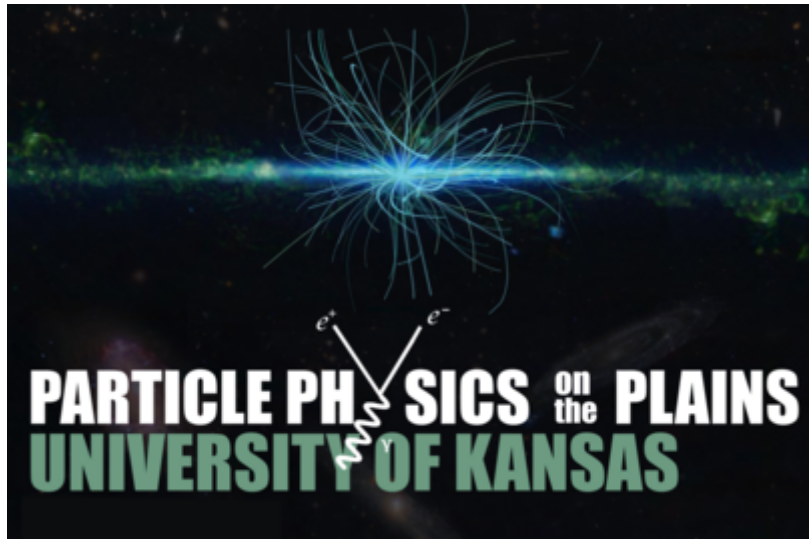


## Session Program

2-3 Nov 2024



## Particle Physics on the Plains 2024

### *Neutrino Physics and Astrophysics 1*

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

# Saturday 2 November

08:50

## Neutrino Physics and Astrophysics 1

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

08:50–09:00	<b>Conference Logistics/Setup</b>  <b>Speaker</b> Ian Lewis
09:00–09:18	<b>Constraining Non-Annihilating Ultra-Heavy Dark Matter through Exoplanets</b>  <b>Speaker</b> Mehrdad Phoroutan-Mehr
09:18–09:36	<b>Old neutron stars as a new probe of relic neutrinos and sterile neutrino dark matter</b>  <b>Speaker</b> Takuya Okawa
09:36–09:54	<b>A comprehensive analysis of supernova neutrino-dark matter interactions</b>  <b>Speaker</b> Dr Deepak Sathyan
09:54–10:12	<b>Cosmic Ray Boosted Dark Matter at IceCube</b>  <b>Speaker</b> Christopher Cappiello

10:15