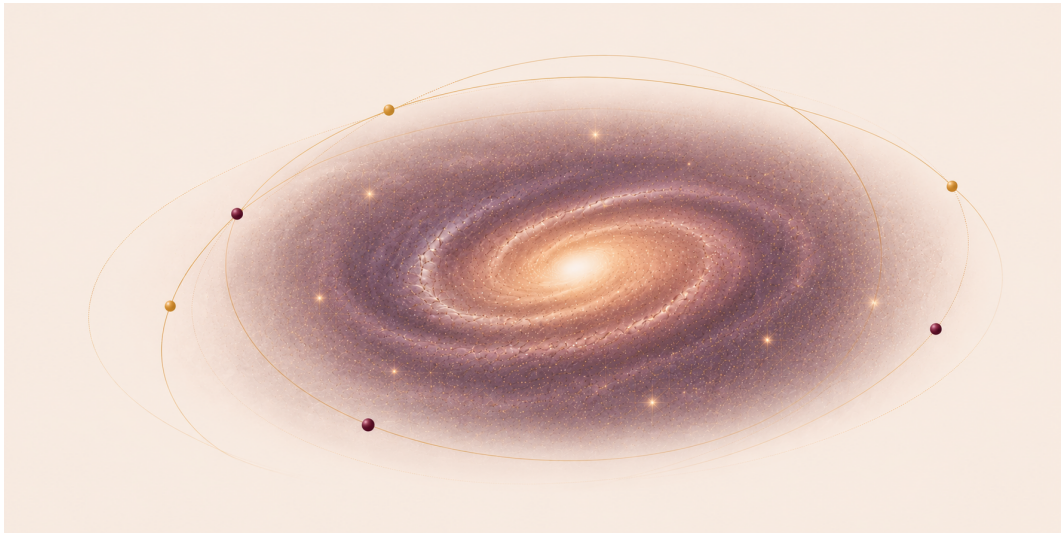


Session Program

26-30 May 2026



Astrophysics with Radioactive Isotopes 2026, Traverse City, MI, USA

Morning I

The Hagerty Center, Traverse City, Michigan, USA

Tuesday 26 May

09:00

Morning I

Session | **Location:** The Hagerty Center, Traverse City, Michigan, USA

09:00–09:40

Radioactive Isotope Production: Understanding the Effects of the Supernova Explosion

Speaker

Chris Fryer

09:40–10:00

Physical Conditions for Synthesis of Sc, Ti, and V in Neutrino-driven Supernovae

Speaker

Ryota Hatami

10:00–10:20

Gamma rays as a signature of r-process producing supernovae: remnants and future Galactic explosions

Speaker

Zhenghai Liu

10:20

Wednesday 27 May

09:00

Morning I

Session | **Location:** The Hagerty Center, Traverse City, Michigan, USA

09:00–09:40 Galactic radioactive links to rocky worlds

Speaker

Stephen J. Mojzsis

09:40–10:00 An alternative source of ^{44}Ti in Supernova Remnants

Speaker

Luca Boccioli

10:00–10:20 Galactic chemical Evolution with short lived radioactive isotopes

Speaker

Dr Benjamin Wehmeyer

10:20

Thursday 28 May

09:00

Morning I

Session | **Location:** The Hagerty Center, Traverse City, Michigan, USA

09:00–09:40

Primordial Nucleosynthesis: New Progress on Radioactive and Stable Isotopes

Speaker

Brian Fields

09:40–10:00

Studying the NiCu Cycle with the GADGET 2 System

Speaker

Alexander Adams

10:00–10:20

The Actinide-Boost Star LAMOST J122216.85-063345: A Detailed R-process Abundance Study with Gemini-S/GHOST

Speaker

Timothy C. Beers

10:20

Friday 29 May

09:00

Morning I

Session | **Location:** The Hagerty Center, Traverse City, Michigan, USA

09:00–09:40

Gamma-ray line signatures of i-process nucleosynthesis: detection prospects with COSI

Speaker

Falk Herwig

09:40–10:00

Identification of s-wave States in ^{19}Ne and their Effects on the $^{18}\text{F}(p,\alpha)^{15}\text{O}$ Reaction in Classical Novae

Speaker

Khang Pham

10:00–10:20

Studying Explosive Stellar Nucleosynthesis through (α,n) and (p,n) Reactions with SECAR

Speaker

Pelagia Tsintari

10:20

Saturday 30 May

09:00

Morning I

Session | **Location:** Timothy J. Nelson Innovation Center & Library (IC), 1701 E Front St, Traverse City, MI 49686

09:00-09:40

Availability of fast radioactive beams at FRIB for nuclear astrophysics

Speaker

Dr Daid Kahl

09:40-10:00

From Measured Cross Sections to Stellar Reaction Rates: Quantifying Active-Target Measurement Uncertainties

Speaker

Chirag Rathi

10:00-10:20

In situ isotopic analysis of presolar graphite grains challenge AGB star models

Speaker

Thomas Stephan

10:20