

INVITED LECTURE

Exploring the Cosmos: Unveiling Gamma-Ray Burst Mysteries with Robotic Telescopes

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Join us in an immersive journey through the cosmos as we delve into the realm of gamma-ray burst (GRB) research utilizing robotic telescopes. In this workshop, we will uncover the pivotal role these automated instruments play in capturing the elusive optical afterglows of GRBs, shedding light on some of the universe's most enigmatic phenomena.

We will explore the intricate process of calibrating robotic telescopes and deciphering the wealth of data they yield, offering insights into the methodologies behind constructing optical lightcurves and spectral energy distributions. Through captivating visuals and compelling results, attendees will gain a firsthand understanding of how these powerful tools propel our understanding of the cosmos forward, opening new avenues for astronomical exploration and discovery.