

Models for Unusual Supernovae and Possible Connections to Extremely Metal-Poor Stars

Tuesday, 4 December 2018 11:30 (20 minutes)

It is remarkable that quite a large diversity of supernova properties have been observed (e.g., very faint and superluminous supernovae, weak and extremely energetic explosions). Some unusual supernovae might have important influences in Pop III era. We examine the origin and nucleosynthesis properties of such unusual supernovae, and compare them with the abundance patterns observed in extremely metal-poor stars.

Affiliation

Kavli IPMU, University of Tokyo

Talk/Poster

Talk

Primary author: Dr NOMOTO, Ken'ichi (Kavli IPMU, University of Tokyo)

Presenter: Dr NOMOTO, Ken'ichi (Kavli IPMU, University of Tokyo)

Session Classification: Supernova Yields