

Avviso di Seminario

08-05-2015, 11:00 - saletta riunioni III piano

Steven Neil Shore

Univ. di Pisa

Terrà un seminario dal titolo:

"NOVA-ITA`" (NEWS ON NUCLEOSYNTHESIS IN NOVAE)

Abstract:

Thermonuclear processes in degenerate environments and deep interiors are hidden in most cosmic bodies. The He-core flash, for instance, is only signalled on long timescales by envelope readjustments and must be inferred using models. In one case, classical novae, we see both the nucleosynthetic products and energetics related to the process in real time. I'll review what is now understood about the explosion mechanism and how we know it with an emphasis on the interplay between theoretical modeling from first principles of the explosion process and the inverse problem of understanding the fossil detritis of the event.

Il Direttore
Pasquale Lubrano