



Cleveland Astronomical Society

www.clevelandastronomicalsociety.org

Thursday, February 7, 2008 Meeting Announcement

6:15—7:00 p.m. – Get acquainted and snacks

7:45—8:00 p.m. – Short Business Meeting

7:00—7:45 p.m. – Buffet Dinner (Reservations Required)

8:00—9:00 p.m. – Featured Speaker (Free to public)

Leonard Krieger CanaiWay Center

4524 East 49th Street (turn onto Whittlesey Way to reach Center), Cuyahoga Heights (216-206-1000)

Speaker: Dr. Tom Megeath

University of Toledo

Star Birth and Star Death in the Constellation Orion

Orion, both the constellation and its famous nebula, are classic sights on a peaceful, clear winter night. Orion is a place of great turmoil, containing places where processes that govern cosmic evolution currently are playing out before us. Although invisible to the eye, this chaos can be viewed via infrared space observations, radio telescopes, and sensitive CCD cameras used by amateur astronomers. Together these efforts reveal thousands of young suns being created from gigantic gas clouds. And they show the effects of powerful winds and supernova from massive stars at the ends of their lives. Dr. Megeath will discuss Orion in a new light. He will illustrate how this constellation has become the prime laboratory for understanding the cycle of star birth and star death, and further, how births and deaths of stars are intertwined.

High School Teachers interested in bringing two students, as our guests, please contact Bob Sledz, President, at 440-333-7827 or sledzbob@yahoo.com by the Friday prior to the scheduled meeting date.