



Cleveland Astronomical Society

www.clevelandastronomicalsociety.org

Thursday, March 6, 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 CanalWay Center

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

Speaker: Dr. Rupali Chandar

Assistant Professor of Astronomy

University of Toledo

Archaeology in Space—“Digging” for Clues to the Birth of Galaxies

We live in the Milky Way Galaxy, which appears to be a fairly normal spiral galaxy. However, important questions remain about its nature, origin, and relationship to other galaxies. What is the structure of our Galaxy, and how did it form some 13 billion years ago? Did other spiral galaxies form in the same way? Ancient stars are like “fossils” left over from the time that galaxies formed when the Universe was young. Therefore they provide important clues to answering these questions. However, the ancient stars are quite faint and require a significant amount of effort to find and study. Dr. Chandar will describe the story that these “fossils” in space are telling us about the formation of our own Galaxy, as well as efforts to find and study ancient stars in nearby galaxies using the Hubble Space Telescope.

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.