



Cleveland Astronomical Society

Thursday, March 2, 2006 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

Speaker: Dr. Francesc Ferrer

Department of Physics, Case Western Reserve University

“The Dark Side of the Universe”

A group of particular observations has convinced astronomers that there is a large amount of non-luminous matter in the Universe. Dr. Ferrer will discuss these observations, which include dynamics of galaxies and clusters, recent measurements of the Hubble Diagram for distant Type Ia supernovae, and the anisotropy of the cosmic microwave background radiation. Although it must exist, the identity of Dark Matter is still unknown. Dr. Ferrer will review known properties of the Dark Matter and describe current candidates that have these properties. Then he will review the experiments, both ground-based and satellites that are searching for signals that would help to pinpoint what the Dark Matter is.

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