



## **Cleveland Astronomical Society**

[www.clevelandastronomicalsociety.org](http://www.clevelandastronomicalsociety.org)

### **Thursday, March 3, 2011 Meeting Announcement**

6:15—7:00 p.m. – Get acquainted and snacks    7:00—7:45 p.m. – Buffet Dinner (Reservations Required)

7:45—8:00 p.m. – Short Business Meeting    8:00—9:00 p.m. – Featured Speaker (Free to public)

#### **Leonard Krieger CanalWay Center**

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

#### **Speaker: John Ruhl**

**Professor of Physics and Astronomy**

**Case Western Reserve University**

#### **Cosmology with the South Pole Telescope**

The South Pole Telescope is dedicated to mapping several thousand square degrees of the southern sky at millimeter wavelengths. Four years into the survey, we are using the data to better understand the formation of large scale structure in the universe, and to constrain the character of the elusive Dark Energy which dominates the energy density of the universe but is (so far) not at all understood. In this talk Professor Ruhl will describe the SPT and their recent findings, and discuss how upcoming results and future work will shed further light on the nature of things Dark.

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