



Cleveland Astronomical Society

www.clevelandastronomicalsociety.org

Thursday, April 3, 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: Scott R. Graham

Launch Systems Project Office

NASA Glenn Research Center

NASA's New Rockets: An Overview of the Constellation Program and the Ares Launch Vehicles

Following a brief overview of NASA's Vision for Space Exploration, Mr. Graham will describe NASA's plans to develop new human and cargo launch vehicles for the Constellation Program. These new vehicles, Ares I and Ares V, will be used to return humans to the Moon in the next decade. Ares I is the Crew Launch Vehicle, to be used to launch humans into low Earth orbit. Ares V is the heavy-lift cargo vehicle that will be used to launch the lunar lander along with other cargo. Mr. Graham's presentation will include a short video animation depicting how these new vehicles will be used for lunar exploration missions. Also, he will discuss the roles Glenn Research center will have for the Ares' missions.

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.