

Thursday, March 21, 2013

[R713]

**POSTER SESSION: POTENTIALLY HAZARDOUS ASTEROIDS**  
**6:00 p.m. Town Center Exhibit Area**

Howley K. Dearborn D. Elliott J. Gibbard S. Lomov I. et al. *POSTER LOCATION #141*  
[Overview of Collisional-Threat Mitigation Activities at Lawrence Livermore National Laboratory](#) [#2529]

Overview of our work at LLNL employing a variety of strategies important to diverting objects on a collision course with Earth.

Herbold E. B. Lomov I. Miller P. Antoun T. A. *POSTER LOCATION #142*  
[Influence of Morphological and Mechanical Properties on Standoff Mitigation of Potentially Hazardous Asteroids](#) [#2672]

We compare the dispersion of several types of asteroid objects where porosity and strength are varied as well as different heterogeneous internal structures.

Straub J. Venkataramanastry A. *POSTER LOCATION #143*  
[A Space Debris-Enhanced Intervention Mission to a Near-Earth Asteroid](#) [#2449]

The use of space debris is used for incorporation in a Earth impactor intervention mission to increase craft mass and decrease propellant and thus launch costs.

Vodniza A. Q. Prof. Pereira M. R. *POSTER LOCATION #144*  
[The Asteroid 2012 OG42](#) [#1329]

From our observatory we captured several pictures and astrometry data during four days. We calculated the orbital elements based on 125 observations.