Thursday, May 17, 2012
POSTER SESSION I: MAIN BELT COMETS — ACTIVE ASTEROIDS
3:50 p.m. Rooms 301, 302, Foyer

Novakovic B. Hsieh H. H. Cellino A.
Main Belt Comet P/2006 VW139: A Fragment from a Recent Collision? **[#6226]**
We applied different methods to examine a possibility that main belt cometP/2006VW139, recently discovered by the Pan-STARRS 1, belongs to a small group of 24 asteroids. Results show strong evidence that P/2006VW139 really belongs to this group.

Agarwal J. Jewitt D. Weaver H. Mutchler M. Drahus M.
Dynamics of Large Fragments in Active Asteroid P/2010 A2 **[#6247]**
We report a new study of the larger fragments at the head of the dust tail of the active asteroid P/2010 A2. Analysing a six-months' series of Hubble Space Telescope images, we derive the emission velocities and directions of individual fragments.

Jewitt D. Weaver H. Agarwal J. Mutchler M. Larson S. Drahus M.
Hubble Space Telescope Observations of Main-Belt Comets **[#6152]**
We have used the Hubble Space Telescope (HST) to examine three main-belt comets (a.k.a. active asteroids).