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# Photometry of the Asteroid-Like Comet P/Linear 34 and Outer-Belt Asteroids

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Poster Presentation P31

**PHOTOMETRY OF THE ASTEROID-LIKE COMET P/LINEAR 34 AND  
OUTER-BELT ASTEROIDS**

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Department of Physics, Illinois Wesleyan University

We present the first results from multiwavelength observations of the nucleus of the unusual Comet P/LINEAR 34. Formerly classified as asteroid 2002 CE10, observations by the Japanese Subaru telescope determined that it had a characteristic tail. We observed the object in visible, near-IR, and mid-IR wavelengths using the 0.9-m telescope at Cerro-Tololo Inter-American Observatory (CTIO) during October 2003. In addition, we observed Asteroids 2067 Aksnes, 2363 Cebriones, 15231 Ehdita and 279 Thule. We hope to determine the rotation period and constrain the shape of the objects.