

**Thursday, March 15, 2007**  
**POSTER SESSION II: METEOROID IMPACTS ON THE MOON**  
**6:30 p.m. Fitness Center**

Cudnik B. M.

*The Status of Lunar Meteor Research (and Applications to the Rest of the Solar System)* [#1115]

Since the first confirmed video recordings of lunar meteor impacts in 1999, the field of hypervelocity impact research has greatly expanded. Findings from this research have implications for NASA's plans to return astronauts to the Moon by 2020.

Cooke W. J. Suggs R. M. Suggs R. J. Swift W. R. Hollon N. P.

*Rate and Distribution of Kilogram Lunar Impactors* [#1986]

Twenty potential lunar impactors — shower and sporadic — are identified and potential non-impact causes are investigated. Rates and distribution of impactors are briefly discussed.