

Tuesday, March 13, 2007
POSTER SESSION I: SMART-1
6:30 p.m. Fitness Center

Kaydash V. Kreslavsky M. Shkuratov Yu. Gerasimenko S. Pinet P. Chevrel S. Josset J.-L.
Beauvivre S. Almeida M. Foing B.

Photometric Characterization of Selected Lunar Sites by SMART-1 AMIE Data [#1535]

We use images obtained in 2006 by Advanced Moon Micro-Imager Experiment (AMIE) camera onboard SMART-1 spacecraft to access photometric properties of selected lunar areas in the context of geological and structural properties of the regolith.

Cerroni P. De Sanctis M. C. Josset J. L. Beauvivre S. Besse S. Chevrel S. Pinet P. Koschny D.
Almeida M. Barucci A. Erard S. Despan D. Langevin Y. AMIE Team

AMIE on SMART-1: A Preliminary Analysis of Colour Information from Images of the Oppenheimer Region on the Moon [#1830]

Colour images obtained by the microcamera AMIE on board ESA mission SMART-1 for the region of crater Oppenheimer are presented and compared with Clementine data for the same region as a test.

Despan D. Erard S. Barucci A. Josset J.-L. Beauvivre S. Chevrel S. Koschny D.
Almeida M. AMIE Team

Geometrical Analysis of AMIE/SMART-1 Images and Applications to Photometric Studies of the Lunar Surface [#1559]

Progress report on geometric analyses of the AMIE/SMART-1 data set.

Volvach A. E. Berezhnoy A. A. Foing B. Ehrenfreund P. Khavroshkin O. B. Volvach L. N.

Radio Observations of the Moon at 3.6 cm Before and After SMART-1 Impact [#1015]

Influence of SMART-1 impact on lunar radio flux at 3.6 cm was not detected. Parameters of SMART-1 impact radio flash are estimated. Upper limit of the intensity of radio flashes caused by meteoroid impacts is estimated.