Monday, June 13, 2016
INNER PLANET DELIGHT: MERCURY AND THE MOON
10:30 a.m. Building 3 Conference Room

Chair: **David Williams**

10:30 a.m. Kinczyk M. J. * Prockter L. M. Byrne P. K. Denevi B. W. Ostrach L. R. Head J. W. III Fassett C. I. Whitten J. L. Thomas R. J. Buczkowski D. L. Hynek B. M. Blewett D. T. Ernst C. M.
Preparing the First Global Geological Map of Mercury **[#7027]**
Previous to the MESSENGER spacecraft mission to Mercury, only half the globe was mapped using the Mariner 10 spacecraft imagery. Preparation of the new global geological map is discussed.

10:45 a.m. Buczkowski D. L. * Goosmann E. Denevi B. W. Ernst C. M. Fasset C. I. Byrne P. K.
A Geologic Map of the Caloris Basin, Mercury **[#7039]**
We present a geologic map of the Caloris basin, which will serve to synthesize the results of previous studies into a contextual framework for quickly viewing the thematic research that has been performed on this interesting region.

11:00 a.m. Hynek B. M. * Robbins S. J. Mueller K. Gemperline J. Osterloo M. K. Thomas R.
Unlocking Mercury's Geological History with Detailed Mapping of Rembrandt Basin: Year 2 **[#7023]**
We have completed a draft geologic map of the Rembrandt basin on Mercury to reveal the impact, tectonic, and volcanic histories in this complex region of Mercury.

11:15 a.m. Ostrach L. R. * Mest S. C. Prockter L. M. Petro N. E. Byrne P. K.
Creation of a New Geologic Map of the Borealis Quadrangle (H-1) on Mercury **[#7019]**
Introduction to our selected PDART15 proposal that will create a new Borealis Quadrangle (H-1) map of Mercury, for which mapping will begin in FY17.

11:30 a.m. Yingst R. A. * Chuang F. C. Berman D. C. Mest S. C.
Geologic Mapping of the Planck Quadrangle of the Moon (LQ29) **[#7008]**
As part of a new systematic lunar geologic mapping effort, we have submitted a 1:2,500,000-scale geologic map of the lunar Planck Quadrangle (lunar quadrangle 29).

11:45 a.m. Mest S. C. * Berman D. C. Petro N. E. Yingst R. A.
Update on Geologic Mapping of the Lunar South Pole Quadrangle (LQ-30) **[#7045]**
We are using recently acquired image, spectral, and topographic data to map the geology of the lunar south pole quadrangle (LQ-30).

12:00 p.m. BREAK / POSTERS / LUNCH