Tuesday, March 21, 2017 [T344]
POSTER SESSION I: PLANETARY SPATIAL DATA INFRASTRUCTURE II: GEOLOGIC MAPS AND PLANETARY MAPPING
6:00 p.m. Town Center Exhibit Area

Mest S. C. Crown D. A. Yingst R. A. Berman D. C.
Williams D. A. et al. ***POSTER LOCATION #634***
The Global Geologic Map of Ceres Based on Dawn HAMO Observations **[#2512]**
We present results from the global HAMO-based geologic mapping effort of Ceres based on the Dawn Framing Camera (FC) mosaic and images, DTM, and color mosaics.

Platz T. Nathues A. Sizemore H. G. Crown D. A. Hoffmann M. et al. ***POSTER LOCATION #635***
Geological Mapping of the Ac-10 Rongo Quadrangle of Ceres **[#2551]**
This study presents the mapping strategy and geological history of the Rongo quadrangle of Ceres.

Williams D. A. Buczkowski D. L. Mest S. C. Scully J. E. C.
Krohn K. et al. ***POSTER LOCATION #636***
High-Resolution Geological Mapping of Dwarf Planet Ceres from NASA's Dawn Mission **[#1451]**
This presentation discusses the results from the highest-resolution geological mapping of dwarf planet Ceres using data obtained by NASA's Dawn spacecraft.

Crown D. A. Sizemore H. G. Yingst R. A. Mest S. C. Platz T. et al. ***POSTER LOCATION #637***
Geologic Mapping of the Urvara and Yalode Quadrangles of Ceres **[#1496]**
We used Dawn spacecraft data to produce geologic maps of the Urvara (21°–66°S, 180°–270°E) and Yalode (21°–66°S, 270°–360°E) Quadrangles of dwarf planet Ceres.

Rothery D. A. Wright J. Balme M. R. Conway S. J. ***POSTER LOCATION #638***
Geological Mapping of the Hokusai (H05) Quadrangle of Mercury **[#1406]**
An update on quadrangle mapping. We discuss the number of crater classes and whether smooth plains and intercrater plains are the only mappable plains units.

Stark A. Preusker F. Oberst J. Matz K.-D. Gwinner K. et al. ***POSTER LOCATION #639***
High-Resolution Topography from MESSENGER Orbital Stereo Imaging — The H5 Quadrangle "Hokusai" **[#2287]**
We generated a high-resolution digital terrain model (DTM) of Mercury's H5 quadrangle "Hokusai."

Preusker F. Oberst J. Stark A. Matz K.-D. Gwinner K. et al. ***POSTER LOCATION #640***
High-Resolution Topography from MESSENGER Orbital Stereo Imaging — The H3 Quadrangle "Shakespeare" **[#1441]**
We generated a high-resolution digital terrain model (DTM) of Mercury's H3 quadrangle "Shakespeare."

Oberst J. Preusker F. Stark A. Matz K.-D. Gwinner K. et al. ***POSTER LOCATION #641***
High-Resolution Topography from MESSENGER Orbital Stereo Imaging — The H7 Quadrangle "Beethoven" **[#1442]**
We generated a high-resolution digital terrain model (DTM) of Mercury's H7 quadrangle "Beethoven."

Malliband C. C. Rothery D. A. Balme M. R. Conway S. J. ***POSTER LOCATION #642***
Preliminary Results of 1:3 Million Geological Mapping of the Mercury Quadrangle H-10 (Derain) **[#1476]**
Mercury needs maps / In same big scale as others / Find intriguing things.

Bott N. Doressoundiram A. Perna D. Zambon F. Carli C. et al. ***POSTER LOCATION #643***
Preliminary 8-Color Map of the Shakespeare Quadrangle on Mercury **[#1943]**
Here we show two preliminary maps of Shakespeare quadrangle, which cover ~5% of its surface. The results for the whole quadrangle will be presented and discussed.

Varatharajan I. Sruthi U. ***POSTER LOCATION #644***
Geological Mapping of a Simple Crater: Case Study of Lichtenberg B **[#1438]**
Detailed morphological and mineralogical mapping and study of very fresh craters on Moon.

Schmidt E. F. Spudis P. D. ***POSTER LOCATION #645***
Geological Map of the Humboldtianum Basin and Its Deposits **[#1035]**
With new image and chemical and mineral concentration data available, a new geological map of the Humboldtianum Basin was created.

Chen J. P. Yao M. J. Wang X. ***POSTER LOCATION #646***
Structure Outline Map of the Moon - Sinus Iridum Quadrangle (LQ-4) **[#1166]**
Using the Chang'e and other data to compile the lunar structure outline map of Sinus Iridum Quadrangle(LQ-4).

Liu J. Z. Ji J. Z. Zhang L. Head J. W. Guo D. J. et al. ***POSTER LOCATION #647***
New Geologic Map of the LQ-19 (Mare Nubium) Quadrangle on the Moon **[#1447]**
The LQ-19 Mare Nubium quadrangle is a pilot lunar geologic map, taking full advantage of new data and research results.

Fortezzo C. M. Spudis P. D. Harrel S. L. ***POSTER LOCATION #648***
Digital Global Geologic Map of the Moon at 1:5,000,000-Scale: Global Unit Concatenation, Boundary Reconciliation, and Linear Feature Mapping **[#1242]**
Using published maps, we are making a globally consistent 1:5,000,000-scale geologic map of the Moon and a global correlation and description of map units.

Yingst R. A. Chuang F. C. Berman D. C. Mest S. C. ***POSTER LOCATION #649***
Geologic Mapping of the Planck Quadrangle of the Moon (LQ-29) **[#1680]**
As part of a new systematic lunar geologic mapping effort, we present a 1:2,500,000-scale geologic map of the lunar Planck Quadrangle (lunar quadrangle 29).

Nass A. Dawn Mapping Team ***POSTER LOCATION #650***
One GIS-Based Data Structure for Geological Mapping Using 15 Map Sheets — DAWN at Ceres **[#1892]**
The (GIS-base) mapping template directly links the generically descriptive attributes of planetary objects to the standardized symbology in one data structure.