

Tuesday, June 14, 2016
ONE STEP BEYOND: OUTER PLANETS, ASTEROIDS, AND SATELLITES
1:30 p.m. Building 3 Conference Room

Chair: David Williams

- 1:30 p.m. Williams D. A. * Buczkowski D. L. Mest S. C. Scully J. E. C.
[Geologic Mapping Campaign for Ceres from NASA Dawn Mission](#) [#7006]
 We discuss the geologic mapping campaign for dwarf planet Ceres as part of NASA's Dawn mission.
- 1:45 p.m. Platz T. * Nathues A. Ruesch O. Sizemore H. G. Schaefer M. Hoffmann M.
 Crown D. A. Mest S. C. Yingst R. A. Williams D. A. Kneissl T. Schmedemann N.
 Naß A. Preusker F.
[Geological Mapping of the AC-H-10 Rongo Quadrangle of Ceres](#) [#7030]
 The geological map of the Ac-H-10 Rongo Quadrangle of Ceres will be presented and discussed in the light of the broader geology of the dwarf planet.
- 2:00 p.m. Malaska M. J. * Lopes R. M. C. Schoenfeld A. Williams D. A. Birch S. B. D. Hayes A. G.
[Geomorphologic Map of the Afekan Crater Region, Titan](#) [#7007]
 We mapped the equatorial and mid-latitude region near Afekan Crater on Titan. Hummocky/mountainous and labyrinth are the oldest terrains, dunes are the youngest. Labyrinth, plains, and dunes units are consistent with organic materials.
- 2:15 p.m. Birch S. P. D. * Hayes A. G. Malaska M. J. Lopes R. M. C. Schoenfeld A. Williams D. A.
[Geomorphologic Map of Titan's Polar Terrains](#) [#7020]
 Titan's lakes and seas contain vast amounts of information regarding the history and evolution of Saturn's largest moon. To understand this landscape, we created a geomorphologic map, and then used our map to develop an evolutionary model.
- 2:30 p.m. White O. L. * Moore J. M. Stern S. A. Weaver H. A. Olkin C. B. Ennico K. Young L. A.
 Cheng A. F. New Horizons GGI Theme Team
[Geological Mapping of the Encounter Hemisphere on Pluto](#) [#7001]
 We present mapping of Pluto's encounter hemisphere performed to date (focusing on Sputnik Planum and the immediately surrounding area) and offer preliminary descriptions of terrains further afield that will be the subject of future mapping.
- 2:45 p.m. Singer K. N. * White O. L. Schenk P. M. Moore J. M. Spencer J. R. McKinnon W. B.
 Howard A. D. Stern A. S. Cook J. C. Grundy W. M. Cruikshank D. P. Beyer R. A.
 Umurhan O. Howett C. J. A. Parker A. H. Protopapa S. Lauer T. R. Weaver H. A.
 Young L. A. Olkin C. B. Ennico K.
[Pluto's Putative Cryovolcanic Constructs](#) [#7017]
 New Horizons imaged two large mounds with deep central depressions on Pluto. Both features appear constructional, and have relatively young surfaces. This mapping is part of effort to characterize and assess the age and origin of the mounds.
- 3:00 p.m. Robbins S. J. * Spencer J. R. Beyer R. A. Schenk P. Moore J. M. McKinnon W. B.
 Binzel R. P. Buie M. W. Buratti B. J. Cheng A. F. Grundy W. M. Linscott I. R.
 Reitsema H. J. Reuter D. C. Showalter M. R. Tyler G. L. Young L. A. Olkin C. B.
 Ennico K. Weaver H. A. Stern S. A. New Horizons GGI Theme Team
 New Horizons Pluto Encounter Team New Horizons LORRI Instrument Team
 New Horizons MVIC Instrument Team
[Geologic Map of New Horizons' Encounter Hemisphere of Charon](#) [#7026]
 Well, besides craters / Stuart can do mapping! Join / Us: Explore Charon.
- 3:15 p.m. BREAK / POSTERS